

## **Historic, Archive Document**

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— SUNSHINE ASTERS —



**LOHRMAN SEED Co.**

• MACOMB AT BRUSH •

*Randolph 1270*



*Detroit, Mich.*

*Vegetable Seed Trials*



# Lohrman's Vegetable Novelties

Lohrman's Special Varieties and Strains of Vegetables.

These are varieties of which we have very finely bred strains much superior to the seed usually sold.

## Beet—Detroit Dark Red, Selected

It is truly a super strain of the well known and popular Detroit Dark Red. The roots are very smooth and even in size, the flesh being of uniform deep blood-red color, decidedly fine grained, crisp and sweet. Our grower has eliminated the red tinged tops and one sees now in a large field of beets only the uniform bright green foliage which makes them more valuable for cooking as beet-greens. We recommend it to the large market grower as well as to the home gardener on account of fine quality, even size and good color. For canning especially you will find this beet to be all that could be desired. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## Carrot

RED-CORED CHANTENAY.



Red-Cored Chantenay Carrot.

For the market gardener who caters to the fancy trade, and for all who want the latest and best in carrots. This super strain of Chantenay produces very smooth roots of even shape and size, free from eyes and side roots. The color is a rich orange and the sugar content very high. In quality and tenderness nothing more could be desired. Short tops, not brittle, but strong enough to bunch easily. The carrots are 5½ to 6 inches long, evenly stump rooted, with very small tail roots; very uniform in appearance and size and a little earlier than the regular stock of Chantenay. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

## Cabbage

LOHRMAN'S SELECTED HOLLANDER. A strain much superior to the ordinary short-stemmed Hollander in that the tonnage is far greater per acre. The heads are almost perfectly round, very hard, tight and of medium size, and weigh one-third more than ordinary Danish heads of this size. This variety is a very good keeper. Pkt., 10c; oz., \$1.00; ¼ lb., \$2.75; lb., \$10.00.

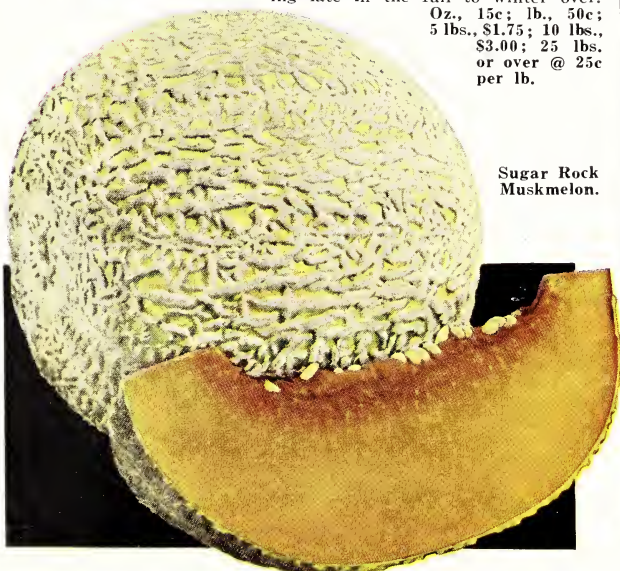
## Corn

GOLDEN SUNSHINE. The earliest of the Golden Bantam type, maturing a week to ten days earlier than that variety. More dwarf in habit than Bantam, with ears 6½ inches long, containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness. Pkt., 10c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.50; 100 lbs., \$24.00.

## Spinach

LONG STANDING BLOOMSDALE. Darker green and more heavily crumpled than Bloomsdale, and it will stand ten days longer before bolting to seed. An excellent sort for planting late in the fall to winter over.

Oz., 15c; lb., 50c;  
5 lbs., \$1.75; 10 lbs.,  
\$3.00; 25 lbs.  
or over @ 25c  
per lb.



Sugar Rock Muskmelon.



Detroit Dark Red Selected Beets.

## Cucumber

LONGFELLOW. An excellent long, slender, dark green variety, equally desirable for greenhouse forcing or outdoor culture. An ideal type for the private garden or as a "straight pack" variety for shipment to market. 12 to 14 inches long by 2½ inches in diameter. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

## Muskmelon

HONEY ROCK. Sometimes called Sugar Rock. This new muskmelon or canteloupe has proved to be a very valuable variety. It is one of the most delicious melons we have ever eaten. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

## Radish

EARLY SCARLET GLOBE. Perfect strain, the result of individual single plant selection. Grown from carefully selected transplanted roots. Surprisingly uniform, color brightest scarlet, shape perfect, well-rounded bottom, with thin tap-root. Tops are of medium size, uniform and easy to bunch. The flesh is pure white, crisp, mild and tasty flavor and fine grained. It remains very long in prime condition. The roots are slightly olive-shaped or short oval. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.50; 10 lbs. or over @ 60c per lb.



Early Scarlet Globe Radish.





## Protect Plants from frost for earlier crops and higher prices

GERMACO HOTKAPS are patented wax paper cones that **completely** cover each plant—the **only way** to fully protect them from frost. They are an “individual hothouse for each plant,” protecting them not only from frost, but from wind, rain, ground crusting, and insects as well. This is your assurance of earlier, bigger crops, and early-to-market prices.

HOTKAPS are quickly and easily “set.” One man can set over 2500 of them in a day. The illustrations on the left show how they are placed with the aid of the Germaco HOTKAP Setter and Tamper. Thousands of progressive farmers in every state are now regular users of this modern crop necessity. They are getting bigger, harder crops and greater profits than ever before.

Write us today about this money-maker, or simply order your season's supply now.

### PRICES:

1,000 lots .....	\$11.50
5,000 lots, per 1,000 .....	11.00
10,000 lots, per 1,000 .....	10.75
250 Trial Package, including Garden Setter with Tamper .....	4.00
100 Home Package, including Garden Setter with Tamper .....	2.50
Germaco Hotkap Steel Setter with Tamper..	2.50
Postage Extra.	

Weight: 1,000 package HOTKAPS, 28 lbs.; 250 package, 9 lbs.; 100 package, 5 lbs.; Steel Hotkap Setter, 3 lbs.

1. Place  
Setter  
in Setter.



2. Place  
Setter  
Over  
Seed or  
Plant.



3. Cover  
Outside  
Edge of  
HOTKAP  
With Soil.



4. Tamp  
Soil  
Around  
Edge of  
Setter.



5. Remove  
Setter From  
HOTKAP.  
One Man  
Can Place  
2500  
HOTKAPS  
per Day.



Germaco  
**Hotkaps**

# Lohrman's "SUCCESS" Vegetable Seeds

In the following pages, alphabetically arranged, we list only the cream of all the varieties of vegetable seeds which, by actual test, have proven themselves worthy. In making tests of seeds we have thrown out many varieties that have been superseeded by better ones. From good seeds only can good crops be grown, and you should never risk planting inferior seed.

LOHRMAN SEED COMPANY GIVES NO WARRANTY, EXPRESS OR IMPLIED, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

ALL VEGETABLE SEEDS: Pkt., 10c, except where noted. All prices subject to change without notice.

## Asparagus

	Oz.	2 ozs.	¼ lb.	Lb.
Mary Washington. Rust resistant; dark green stalks. (Seed) .....	\$0.20	\$0.35	\$0.60	\$ 2.00
		Doz.	100	1000
2-year-old roots .....		\$0.35	\$2.00	\$12.00

## Beans

### BEANS—Dwarf Yellow Wax

One pound will plant 100 feet of row; 60 pounds will plant an acre.

Not less than 10 pounds at the 100-pound rate. Plant the seeds about three inches apart in drills 2 feet apart, and cover them 2 inches deep.

	½ lb.	Lb.	5 lbs.	100 lbs.
Crackerjack. Flat-podded, stringless, 7 inches ..	\$0.20	\$0.35	\$1.35	\$22.00
Golden Wax. Oval pods, 4½ inches; stringless ..	.20	.35	1.35	22.00
Pencil Pod Black Wax. Early, pods round, 7 inches; stringless; black seeded .....	.20	.35	1.35	22.00
Sure Crop Wax. Pods flat; 6 inches long; black seed; stringless .....	.20	.35	1.35	22.00
Unrivalled Wax. First early; pods semi-flat; 5½ inches .....	.20	.35	1.35	22.00

### BEANS—Dwarf Green

Bountiful. Very early; pods flat, 7 inches; stringless .....	.20	.35	1.35	22.00
Giant Stringless Green Pod. Early; pods round, 6½ inches .....	.20	.35	1.35	22.00
Full Measure. Pods round; 6 inches; stringless; early .....	.20	.35	1.35	22.00
Dwarf Horticultural. Pods flat, 5 inches, stringless, greenish yellow splashed carmine .....	.20	.35	1.35	22.00
Ferdhook Bush Lima. Midseason; pods 5 inches long, 1¼ inches broad .....	.30	.50	2.00	35.00
Kentucky Wonder (Pole). Pods round, slender, 9 inches, tender .....	.20	.35	1.25	20.00
Seibert's Early Lima (Pole). Very early, flat pods, 6 inches .....	.20	.35	1.25	20.00



Bountiful Beans.

## Beets

One ounce will sow 50 feet of row; 7 pounds will plant an acre.

The rows should be 12 inches apart and the seed sown thinly and covered firmly with one inch of soil.

	Oz.	2 ozs.	¼ lb.	Lb.
Detroit Dark Red, Selected. Round; skin dark blood-red; flesh bright red .....	\$0.15	\$0.25	\$0.40	\$1.25
Early Wonder, Selected. Very early; roots globular, skin dark red, flesh deep blood-red .....	.15	.25	.40	1.25
Crosby's Egyptian. Early; flattened globe-shaped; skin dark red, flesh lighter ..	.15	.20	.30	1.00

### SWISS CHARD OR SPINACH BEET

Ferdhook Giant. Broad dark green leaves, upright, crumpled with broad white midrib .....	.15	.20	.25	.85
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### MANGEL WURZEL

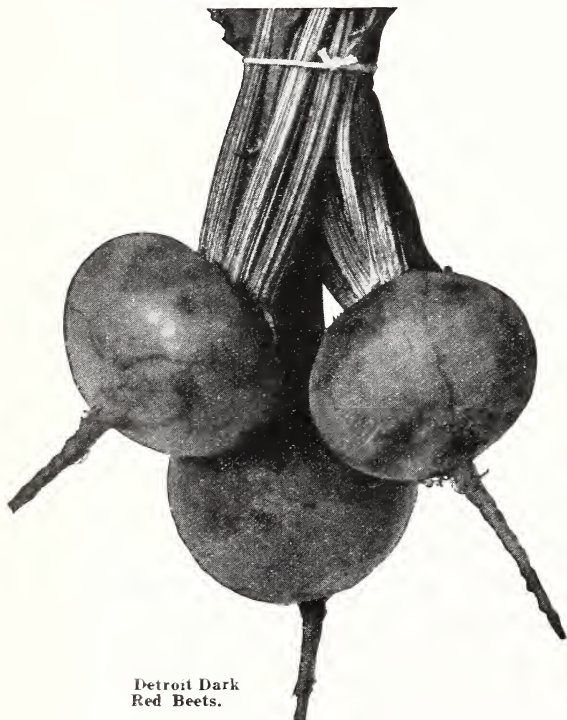
Mammoth Long Red. Roots cylindrical, light red, largest Mangel .....	.10	.15	.20	.50
Giant Feeding Sugar. Large yielder, oval-shaped; skin rose, flesh white .....	.10	.15	.20	.50

### BRUSSELS SPROUTS

Long Island Improved. Solid, round sprouts of best quality resembling miniature cabbages .....	.35	.60	1.00	
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## Broccoli

	½ oz.	Oz.	¼ lb.	Lb.
Italian Green Sprouting. Light green, tender sprouts with loose flower heads like cauliflower .....	\$0.75	\$1.25	\$4.50	\$15.00



Detroit Dark Red Beets.





Red-Cored Chantenay Carrot.

## Carrots

One ounce will sow 100 feet of row; 3 pounds will sow an acre.

Sow one-half inch deep in rows 12 inches apart, thinning out to 3 inches between the plants.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Chantenay.</b> Stump-rooted, 6 to 7 inches long, deep orange color and very smooth .....	\$0.15	\$0.25	\$0.35	\$1.25
<b>Red-Cored Chantenay.</b> The tops are shorter, the exterior color a decidedly deeper orange than the ordinary Chantenay. The smaller core has the same deep orange color as the surrounding flesh..	.20	.35	.65	2.25
<b>Coreless.</b> 6 inches long, 1½ inches through, same size whole length. Deep orange-red all through root and core .....	.25	.40	.75	2.50
<b>Danvers Half-Long.</b> 7 inches long; deep orange, larger, though not as smooth as Chantenay .....	.15	.25	.35	1.25
<b>Early Scarlet Horn.</b> Top-shaped; 3 inches; orange-red .....	.15	.20	.35	1.25
<b>Guerande or Oxheart.</b> 5 inches; stout and thick; light bright orange .....	.15	.20	.30	1.00

## Cabbage

One ounce will produce 1500 plants; ½ pound will plant an acre.

Start your early crop in hotbed in middle of February. Cover seed about one-half inch. Transplant to cold frames soon as plants are large enough, 3 to 4 inches each way. For general crop sow in open ground in late May in hills three feet apart.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Copenhagen Market.</b> Very early, round head, short stemmed .....	\$0.40	\$0.75	\$1.25	\$ 4.25
<b>Early Jersey Wakefield.</b> Early; pointed head .....	.30	.50	.85	3.00
<b>Golden Acre.</b> A few days earlier than the parent strain, Copenhagen Market. Heads medium size, round as a ball, hard, solid and very uniform .....	.60	1.00	1.65	6.00

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Lohrman's Earliest of All.</b> The earliest round-headed Cabbage, medium sized, solid heads .....	\$1.00	\$1.75	\$3.00	\$10.00
<b>Premium Late Flat Dutch.</b> Heads large and solid; good keeper .....	.20	.35	.65	2.25
<b>Lohrman's Selected Hollander.</b> Perfectly round, very hard, tight heads of medium size, weighing one-third more than the ordinary Hollander; fine keeper .....	1.00	1.75	2.75	10.00
<b>Short-Stemmed Hollander or Danish Ball Head.</b> Very round, solid, winter sort; fine keeper .....	.35	.60	1.10	3.50
<b>Ferry's Hollander.</b> Sold in original packages .....	1.00	1.75	2.75	10.00
<b>Haco Red.</b> Earliest good red Cabbage, intense dark red throughout .....	1.00	1.85	2.50	8.00
<b>Red Market Gardeners.</b> Midseason; heads perfectly round, solid, very dark red ..	1.00	1.85	2.50	8.00
<b>Savoy Perfection Drumhead.</b> Hardest heading; most satisfactory, best all around Savoy Cabbage; leaves heavily crimped, heads large, solid, dark green..	.25	.45	.80	2.75

## CHINESE CABBAGE

<b>Chihili.</b> The earliest and most sure-heading variety; long, solid, white, 2-ft. heads.	45	.75	1.25	4.00
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## Celery

One ounce sows 300 feet of row, produces 5000 plants.

Sow in the open ground in April, barely covering the seed. Transplant to 8 inches in rows 3 feet apart. Hill up about middle of August.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Golden Self Blanching.</b> Dwarf, compact growth; thick, solid, heavily ribbed stalks. Early fall use .....	\$1.00	\$1.60	\$2.75	\$10.00
<b>Golden Plume or Wonderful.</b> Resembles Golden Self Blanching, but earlier, larger and ranker growth .....	1.00	1.60	2.75	10.00
<b>Winter Queen.</b> Medium height, broad, light green stalks, solid and crisp; blanches well .....	.35	.60	1.00	3.50
<b>Celery Seed for Flavoring</b> .....	.10	.15	.25	.50

## CELERIAC or Turnip-Rooted

<b>Celery</b> .....	.25	.35	.65	2.75
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## CHICORY, Witloof Extra Select.

The stalks when blanched are used for salad .....	.55	1.00	1.40	5.00
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## COLLARDS, Georgia. Greens used

as substitute for cabbage .....	.10	.15	.25	.35
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## HOTKAPS

for Earlier Crops, Bigger Profits



Lohrman's Selected Hollander Cabbage.





Lohrman's Superior Snowball Cauliflower.

## Cauliflower

One ounce of seed will produce 1500 to 2000 plants in open ground, or about 3000 in frames.

One packet will produce 150 plants. Culture same as for cabbage.

**Lohrman's Superior Snowball.** This is a larger, earlier and better Snowball. The heads form ten days to two weeks earlier than the regular Snowball. This is an excellent variety for early crop only . . . Trial pkt., 25c . . . \$1.25 \$3.75 \$7.00 \$12.50 \$45.00

**Early Snowball.** The plant is dwarf and compact, and the heads are large, solid, snow-white, and with no protruding leaves through the head. The best variety for main crop . . . 1.00 3.00 6.00 11.00 40.00

**Henderson's Snowball.** Heads very early, medium size, firm, compact, solid and very white . . 1.00 3.00 6.00 11.00 40.00

## Corn

One pound will plant 100 hills; 12 pounds will plant an acre.

**Culture.** Use deep, rich soil. Plant in hills three feet apart each way. Six seeds to each hill.

We supply 10 lbs. and over of Corn at 100-lb. rate.

**Bantam Evergreen.** Golden yellow; ears 8 inches long, 12- to 14-rowed; second early . . . \$0.25 \$0.40 \$1.50 \$24.00

**Black Mexican.** The grains bluish black; ears 8 in. long; 8-rowed; late . . . .20 .35 1.25 20.00

**Country Gentleman.** White grains in irregular rows; ears 7 to 8 inches long. Late . . . .25 .45 1.60 25.00

**Golden Sunshine.** Yellow ears, 6½ inches, 12-rowed; the earliest of the Bantam type . . . .25 .40 1.50 24.00

**Early Market.** The earliest large eared Sweet Corn, 6 to 7 inches, 12- to 14-rowed . . . .25 .40 1.60 22.00

**Stowell's Evergreen.** White ears, 8 to 9 inches, 16- to 18-rowed; late . . . .25 .45 1.60 25.00

**Golden Bantam.** Ears 6 to 7 inches long, 8-rowed. Standard early sort . . .25 .35 1.40 18.00

**Whipple's Yellow.** Large ears 8 to 9 inches long, 14- to 18 rowed. Earlier than Bantam and as large as Evergreen . . . .25 .40 1.35 22.00

**POP CORN, White Rice.** For sowing . . . .25 .25 1.00 15.00

### CORN SALAD OR FETTICUS

The small leaves are served like lettuce for an early spring salad. Sow in spring or during August and September . . . . \$0.15 \$0.25 \$0.40 \$1.25

### CRESS

	Oz.	2 ozs.	¼ lb.	Lb.
True Water . . . . .	\$0.35	\$0.60	\$1.00	\$3.50
Curled . . . . .	.15	.20	.25	.75

## Cucumbers

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

**Culture.** Sow in the open ground as soon as weather is warm and settled. Sow seed one-half inch deep in the hills. The hills should be 4 to 6 feet apart and each hill enriched with well-rotted manure.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Chicago Pickling.</b> Fruits short, symmetrical and bright green; productive . . . . .	\$0.15	\$0.25	\$0.35	\$1.00
<b>Davis Perfect.</b> Extra long, dark green, smooth and tapering at both ends; 11 inches long, 3 inches thick; midseason . . . . .	.15	.25	.40	1.25
<b>Early Fortune.</b> Rich dark green; flesh white; 9 inches long, 2¼ inches thick; slightly tapering; very productive; early . . . . .	.15	.25	.40	1.25
<b>Extra long or Evergreen White Spine.</b> An extra long type of White Spine; fruits cylindrical, dark green in color. Midseason. 14 inches long, 3½ inches thick . . . . .	.15	.25	.40	1.50
<b>Early White Spine.</b> Short, square-ended, rather three cornered type, medium green color, turns white quickly. 7½ inches long, 2½ inches thick . . . . .	.15	.25	.35	1.00
<b>Improved Long Green.</b> A large late variety used when ripe for slippery-jacks . . . . .	.15	.25	.40	1.25
<b>Klondike.</b> Fruits dark green, full, rather thick, short and blocky, 7 inches long, 2¼ inches thick. Medium early . . . . .	.15	.20	.35	1.00
<b>National Pickling.</b> Fruits early, square-ended and deep green. The best and most productive pickling cucumber . . . . .	.15	.25	.40	1.50
<b>Longfellow.</b> An excellent dark green variety, long, slender fruits average 12 to 14 inches in length, 1½ to 2 inches thick. Midseason . . . . .	.50	.75	1.00	3.00

Longfellow  
Cucumber.

Golden Bantam Corn.



Eggplant

One ounce will produce 1000 plants.

Start seed in inside in February. Transplant in rows three feet apart each way. Oz. 2 ozs. ¼ lb. Lb.

Early Long Purple. Fruits are 10 to 12 inches long and 2½ inches thick. Early and prolific	.....	\$0.70	\$1.50	\$2.25	\$6.50
Black Beauty. Dark purple fruit almost black; matures early and the best	.....	.50	.90	1.60	5.50

Endive

One ounce to 100 feet of row.

Sow in seed bed from early spring until August. Transplant to 1 foot apart in rows. Oz. 2 ozs. ¼ lb. Lb.

Broad-Leaved Batavian (Escarolle). Broad leaves curled at the edges	.....	\$0.15	\$0.20	\$0.35	\$1.25
Large Green Curled. Large leaves finely cut and curled	.....	.15	.20	.35	1.25

Kale

One ounce sows 500 feet of drill.

Sow from early spring until the middle of August.

Dwarf Green Curled Scotch. Finely curled, dwarf, spreading variety; foliage long, bright green	.....	\$0.15	\$0.25	\$0.35	\$1.25
Dwarf Blue Scotch. The same as the Dwarf green, only blue in color	.....	.25	.45	.75	2.00

Kohl-rabi

One ounce will sow 200 feet of row; 4 pounds will sow an acre.

Cultivate the same as cabbage.	Oz.	2 ozs.	¼ lb.	Lb.
<b>Early White Vienna.</b> A turnip-rooted member of the cabbage family .....	\$0.20	\$0.35	\$0.65	\$2.25
<b>Early Purple Vienna.</b> Similar to above only purple .....	.25	.45	.85	2.75



Osage Muskmelon.

Leek

One ounce will sow 100 feet of row; 4 pounds will sow an acre.

Sow early in spring 1 inch deep and 1 foot apart. When 8 inches high, transplant in rows 1 foot apart each way.

Monstrous Carentan.	A very Oz.	2 ozs.	¼ lb.	Lb.
large variety of superior				
quality .....	\$0.25	\$0.40	\$0.75	\$2.75

Lettuce

One ounce will sow 150 feet of drill; 3 pounds will sow an acre.

Sow in early spring; thin out plants as they develop. Oz. 2 ozs. ¼ lb. Lb.

Black-Seeded Simpson. Loose heads of curly leaves; grows very large	.....	\$0.20	\$0.30	\$0.50	\$1.75
Grand Rapids. Of upright growth; curled leaves, valuable for forcing	.....	.20	.30	.50	1.75

HEADING VARIETIES

Big Boston. Attractive heads of enormous size, crisp and buttery	.....	.20	.30	.50	1.75
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Grand Rapids Lettuce.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>New York or Wonderful.</b> Large, solid, outside leaves bright green, inside white .....	\$0.25	\$0.40	\$0.75	\$2.50
<b>Mammoth Black-Seeded Butter.</b> Large, oval heads; leaves broad, crumpled, of medium green color .....	.20	.30	.50	1.75
<b>Unrivalled Summer.</b> Large heads, similar to Big Boston but lighter in color, and one week earlier .....	.20	.35	.65	2.25
<b>White Self-Blanching Cos.</b> Strictly self-folding type with long, narrow, oval leaves .....	.20	.35	.60	2.00

Muskmelons

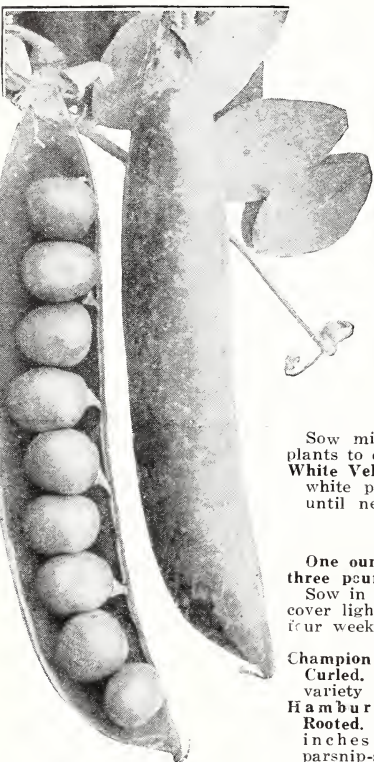
One ounce will plant 50 hills; 2 to 3 pounds will plant an acre. Do not plant until the danger of frost is past. Sow in hills 6 feet apart each way. Put 10 to 12 seeds in each hill and when well up thin out to two or three plants.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Bender's Surprise.</b> Large, oval-shaped; when ripe a golden tint showing through coarse netting. The flesh is orange, very thick, fine quality and flavor. Midseason .....	\$0.40	\$0.65	\$1.00	\$2.75
<b>Extra Early Osage.</b> Flesh very thick, salmon colored. Medium sized Melon. Early .....	.20	.30	.50	1.75
<b>Hale's Best.</b> Flesh thick, deep salmon, oval in shape, 6 inches long by 4½ inches thick. Good shipper. Early .....	.20	.30	.50	1.75
<b>Hearts of Gold.</b> Splendid small, mid-season variety. Fruit round, lightly ribbed, gray netting; deep salmon. ....	.20	.30	.50	1.75
<b>Osage.</b> Large, oval fruit, slightly ribbed, covered with shallow gray netting; flesh rich orange-salmon. Main crop .....	.20	.30	.50	1.75
<b>Lake Champlain.</b> Very early, salmon fleshed, medium size, poor shipper. ....	.20	.35	.60	2.00
<b>Honey Rock or Sugar Rock.</b> We have never eaten a Melon of finer quality and flavor; nearly every one is of the same good quality. Melons are light green, almost perfectly round, covered uniformly with coarse netting. Flesh deep orange, firm, very thick and deliciously sweet; uniform size, being 4 to 5 inches in diameter and 6 inches long .....	.25	.40	.75	2.50



Hollow Crown Parsnips.  
(See page 8).



Alderman  
Peas.

## Watermelons

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre.  
Culture is the same as for muskmelons, but place the hills eight to ten feet apart.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Harriest Earliest.</b> Very early; medium size, nearly round, dark green, light stripes, deep pink flesh .....	\$0.15	\$0.20	\$0.25	\$0.35
<b>Kleckley's Sweet.</b> Medium large, oblong in shape, dark green; flesh very bright rich red; medium early ...	.15	.20	.30	1.00
<b>Peerless.</b> Medium size, short oblong in form, light green, mottled flesh bright scarlet; very early.....	.15	.20	.25	.35

## Mustard

One ounce will sow 100 feet of row; one pound will sow an acre in drills;  
two pounds if broadcasted.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Fordhook Fancy.</b> Leaves bright green, tensely curled, fringed on edges .....	\$0.20	\$0.25	\$0.35	\$1.00
<b>Japanese Mustard Spinach.</b> Desirable, quick growing, tender variety, with long, broad, very smooth leaves and white midribs .....	.15	.25	.40	1.50

## Okra

One ounce will sow 100 hills.  
Sow middle of May in rows three feet apart. Thin out plants to one foot apart.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>White Velvet.</b> Very large, smooth, white pods that remain tender until nearly full size.....	\$0.15	\$0.20	\$0.25	\$0.75

## Parsley

One ounce will sow 150 feet of row;  
three pounds will sow an acre.

Sow in spring; soak seed three hours, cover lightly. Plants appear in two to four weeks.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Champion Moss</b> Curled. Dwarf variety .....	\$0.15	\$0.20	\$0.35	\$1.00
<b>Hamburg or Rooted.</b> Roots 8 inches long, parsnip-shaped, creamy white....	.15	.20	.35	1.00
<b>Plain.</b> Fernlike leaves .....	.15	.20	.35	1.00

## Parsnips

One ounce will sow 150 feet of row; 4 lbs. will sow an acre.

Sow as early in the spring as the weather will permit, in drills 18 inches apart and 1½ inches deep.

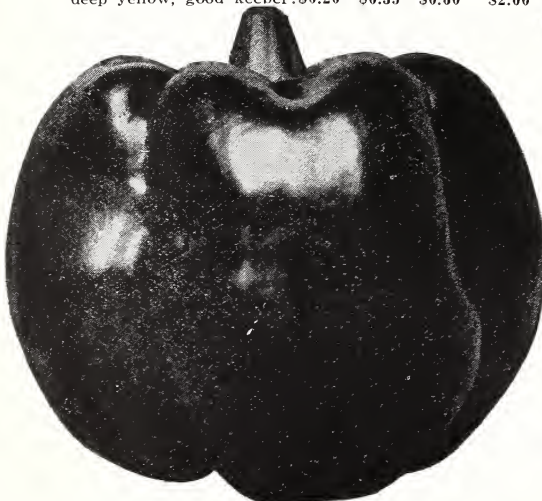
	Oz.	2 ozs.	¼ lb.	Lb.
<b>Hollow Crown.</b> Roots smooth, usually 15 inches long by 3 inches in diameter at the top, tender and sugary.....	\$0.15	\$0.20	\$0.25	\$0.75

## Onions

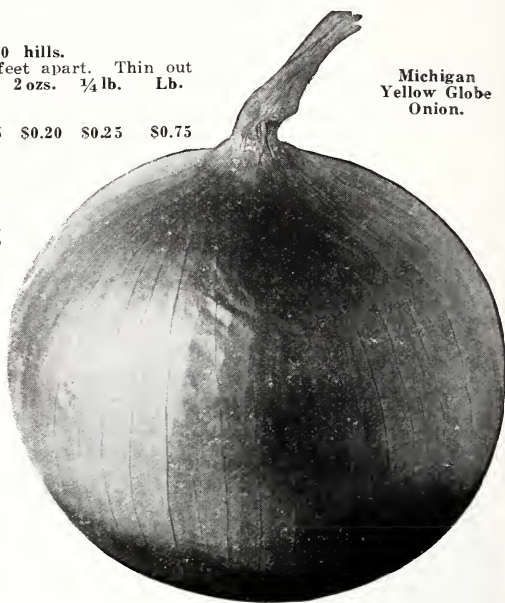
One ounce will sow 100 feet of row; 5 lbs. will sow an acre.

Get the seed in as early as possible in the spring. Sow in drills not less than a foot apart nor more than half an inch deep.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Michigan Yellow Globe.</b> True globe-shaped, small neck, heavy thick skin, color deep yellow, good keeper.....	\$0.20	\$0.35	\$0.60	\$2.00



Chinese Giant Pepper.

Michigan  
Yellow Globe  
Onion.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Prizetaker.</b> Immense size, globe-shaped, pale yellow, mild and fair keeper....	\$0.20	\$0.35	\$0.60	\$2.00
<b>Large Red Wethersfield.</b> Skin purplish red, flesh white, well flattened, large, thick and solid.....	.20	.35	.60	2.00
<b>Southport White Globe.</b> Globe-shaped, small neck, flesh snowy white and mild..	.20	.35	.65	2.25
<b>White Portugal.</b> Large flat white, mild..	.20	.35	.65	2.25
<b>White Queen.</b> Rapid growing, small, flat, early white .....	.30	.50	.90	3.25
<b>White Welsh.</b> Forms no bulbs, used for bunching, hardy perennials. Sow seed in the fall.....	.25	.45	.80	2.75
<b>Yellow Globe Danvers.</b> Globe-shaped, slightly flattened, good size, copper yellow .....	.20	.35	.60	2.00
<b>White Bunch.</b> Earliest and best shaped for early bunching, slow to bulb out....	.25	.45	.80	2.75

## Peppers

One ounce will produce 1000 to 1600 plants.

Sow in hotbeds in March, transplant 18 inches apart in 2-ft. rows.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Chinese Giant.</b> Very large, bright scarlet, sweet. Midseason .....	\$0.50	\$0.90	\$1.60	\$5.50
<b>California Wonder.</b> Large red fruit, smooth with very thick sweet flesh. Medium early; fair yielder.....	.80	1.30	2.15	7.50
<b>Harris' Early Giant.</b> Very large and much earlier and more prolific than other large sorts. Mild and sweet.....	.55	1.00	1.75	6.00
<b>Large Bell or Bull Nose.</b> (Sweet). Scarlet fruits, 2 inches in diameter, 3 inches long, blunt ended.....	.40	.75	1.40	4.50
<b>Large Bell or Bull Nose.</b> (Hot). Same as above, only hot.....	.45	.80	1.50	5.00
<b>Long Slim Cayenne.</b> Fruits 5 inches long, ¾ inch thick, bright red, hot and pungent .....	.40	.70	1.25	4.00



PEPPERS—Continued.

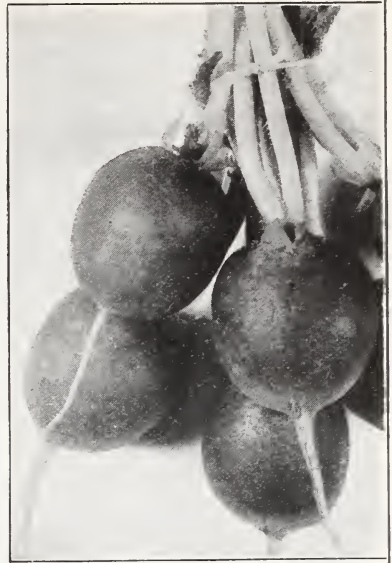
	Oz.	2 ozs.	¼ lb.	Lb.
<b>Large Yellow Hungarian.</b> Fruits 6 to 7 inches long, 2 inches thick, waxy light yellow at first changing to orange and then to bright red.....	\$0.75	\$1.25	\$2.00	\$7.00
<b>Red Chili.</b> Fruits bright red and very hot, 1½ inches long .....	.40	.75	1.25	4.50
<b>Ruby King.</b> Large, sweet, deep green. Turns bright red when ripe. Fruit 4 to 5½ inches long, 3 inches thick .....	.50	.85	1.40	4.75

Peas

Two pounds will plant 100 feet of row; 120 pounds will plant an acre. Not less than 10 pounds at the 100-pound rate. If ordered shipped prepaid, add 8c per pound.

For early crops sow as early in spring as possible; then sow every two or three weeks apart for a succession throughout the season well into August. Plant in single rows or double, 4 feet apart and 2 inches deep.

<b>Gradus.</b> Early, wrinkled pods 4 inches long, vines ½ lb. 3 to 3½ feet .....	\$0.25	\$0.40	\$1.25	\$20.00
<b>Hundredfold.</b> Pods 4 inches, vines 18 to 20 inches. First early .....	.25	.40	1.25	20.00
<b>Laxtonian.</b> Early, large, 4-inch pods. Dwarf vines, 22 inches .....	.25	.40	1.25	20.00
<b>Little Marvel.</b> Early dwarf variety growing 18 inches high, dark green pods 3 inches long. Very productive .....	.25	.40	1.25	20.00
<b>Thomas Laxton.</b> Extra early, pods 3½ inches. Vines tall, 3 ft.; productive .....	.25	.40	1.25	20.00
<b>World's Record.</b> Improved type of Gradus. Early, broad 4-inch pods. Vines 2½ feet tall .....	.25	.40	1.25	20.00
<b>Little Gem.</b> Early, pods light green, 3 inches. Dwarf vines, 1½ feet. Very productive .....	.25	.40	1.25	20.00
<b>Alderman.</b> Midseason to late. Medium green pods, 4¾ inches. Vines 4 ft. tall .....	.25	.35	1.20	19.00
<b>Onward.</b> Midseason. Large broad pods, 4 inches. Vines 3 feet. Heavy cropper .....	.25	.40	1.25	20.00
<b>Telephone.</b> Same type as Alderman, only slightly later .....	.25	.35	1.20	19.00



Early Scarlet Globe Radishes.

Pumpkins

One ounce will plant about 25 hills; 4 pounds will plant an acre.

<b>Large Yellow.</b> Smooth, hard, reddish orange, distinctly ribbed skin with rich, orange-yellow flesh.....	\$0.15	\$0.20	\$0.25	\$0.75
<b>Sweet Sugar or Pie.</b> Fruits small and round. Flesh deep orange-yellow, very thick .....	.15	.20	.30	1.00

Radishes

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

Sow the seed one-half inch deep in early spring, in rows one foot apart. For succession sow every ten days.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Cincinnati Market.</b> Roots 7 inches long, scarlet colored; flesh white, brittle and crisp .....	\$0.15	\$0.20	\$0.30	\$1.00
<b>Crimson Giant.</b> Large, round, crimson-carmine roots .....	.15	.20	.30	1.00
<b>Early Scarlet Globe.</b> (Regular Stock). Roots globe-shaped, small top. Color bright scarlet; crisp, tender. The best market garden variety. 5 lbs., \$3.50; 10 lbs. or over at 60c per lb. ....	.15	.20	.30	.90
<b>Early Scarlet Globe.</b> (Premium Strain). This strain of seed is grown from transplanted roots and is treated with Semesan to prevent seed-borne diseases. 10-lb. cloth sacks with our seal attached, 75c per lb. in. 10-lb. lots or over. ....	.15	.20	.30	1.00



Bloomsdale Savoy Spinach.

**Early Scarlet Turnip White Tipped.** Round, deep scarlet, Very early .....

	Oz.	2 ozs.	¼ lb.	Lb.
<b>Iceberg.</b> Clear white, very crisp and mild.....	\$0.15	\$0.20	\$0.30	\$1.00
<b>White Strasburg.</b> Roots 5 inches long, thick at shoulder and abruptly tapering. ....	.15	.20	.30	1.00
<b>California Mammoth White China.</b> Fall and winter variety. Roots are 8 inches long .....	.15	.20	.35	1.25
<b>Round Black Spanish.</b> Winter variety, round to top shape, 4 inches thick. Skin black, flesh white.....	.15	.20	.35	1.25

Rhubarb

1 oz. of seed will sow 75 ft. of drill.

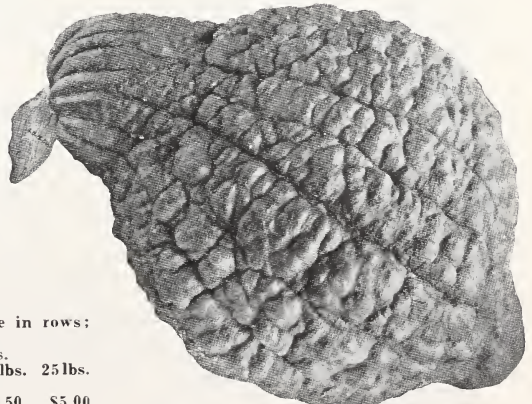
	Oz.	2 ozs.	¼ lb.	Lb.
<b>Victoria.</b> Very large stalks and leaves .....	\$0.15	\$0.20	\$0.35	\$1.25
<b>ROOTS.</b> Good-sized divisions. 2-year-old, 25c each; \$2.50 per doz.				

Spinach

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows; 25 pounds if broadcast.

Sow from spring until fall, 1 inch deep and 1 foot apart in rows.

<b>Bloomsdale Savoy.</b> Extra Dark Green. Sow Oz. Lb. 5lbs. 10lbs. 25lbs. only early spring or late fall. Large glossy deep green leaves, crumpled and blistered..	\$0.15	\$0.40	\$1.50	\$2.50	\$5.00
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Lehrman's Hubbard Squash.

## SPINACH—Continued.

	Oz.	Lb.	5lbs.	10lbs.	25lbs.
<b>Bloomsdale Long Standing.</b> Sow late spring, summer or early fall. Very dark green, intensely crumpled leaves. Stands 14 days longer than Bloomsdale Savoy.....	\$0.15	\$0.40	\$1.75	\$3.00	\$6.25
<b>Juliana.</b> Sow late spring, summer and early fall. Thick dark green, crumpled leaves growing close to the ground. Slower growing than most varieties but stands longer.....	.15	.40	1.75	3.00	6.25
<b>King of Denmark</b> .....	.15	.40	1.50	2.50	5.00
<b>New Zealand.</b> Low spreading plant from which delicious tender greens can be gathered all summer.....	.20	.80			
<b>Victoria.</b> Thick, dark green, blistered leaves. Spring variety..	.15	.40	1.50	2.50	5.00

## Squash

Early Varieties—one ounce sufficient for 50 hills. Late Varieties—one ounce for 20 hills; 4 to 6 pounds to the acre.

	Oz.	2 ozs.	¼ lb.	Lb.
<b>English Vegetable Marrow.</b> (Bush). Grows 9 inches long; oblong. Shell pale cream color, flesh white. For summer and early fall use.....	\$0.20	\$0.30	\$0.50	\$1.75
<b>Des Moines or Table Queen.</b> Acorn-shaped fruit. Thin, distinctly ribbed dark green shell, 6 inches long by 4½ inches thick. Flesh light yellow. Trailing variety, winter keeper.....	.15	.25	.40	1.50
<b>Italian Vegetable Marrow.</b> (Cocozelle Bush). Fruits oblong, 12 to 16 inches, 5 inches thick. Color dark green, marbled with yellow and dark green stripes. Very early.....	.15	.25	.40	1.50
<b>Mammoth Summer Crookneck.</b> (Bush). Largest and earliest of the Crookneck kinds. Fruits large, deep yellow and warted.....	.15	.20	.35	1.25
<b>Mammoth White Bush Scallop.</b> Fruit flat, scalloped, 10 to 12 inches in diameter, clear waxy white color.....	.15	.20	.35	1.25
<b>Summer Straightneck.</b> A new variety, the same as Mammoth Summer Crookneck but without the curved neck of that kind.....	.15	.25	.40	1.50
<b>Sweet Potato.</b> Fruit light yellow with green stripes, 6 to 8 inches long and thick flesh.....	.35	.60	.75	2.50
<b>Blue Hubbard.</b> True Hubbard shape with rich blue-green skin and bright orange flesh which is mealy and dry, good keeper.....	.20	.35	.60	2.00
<b>Lohrman's Hubbard.</b> Large, heavy, warted variety with a very hard bronze-green shell, thick orange flesh. Splendid keeper.....	.15	.25	.40	1.50



## Salsify or Oyster Plant

One ounce of seed will sow 60 feet of drill.

Sow seed April-May in rows 18 inches apart. Cultivate same as Carrots.

**Mammoth Sandwich Island.** True. Large and superior, fine flavor. Oz., 20c; 2 ozs., 35c; ¼ lb., 65c; lb., \$2.25.

## Sorrel

1 oz. of seed will sow 100 ft. of drill.

Sow in shallow drills 12 inches apart and thin out to 6 inches.

**Large-Leaved French.** Cooked as Spinach or to mix with salads... \$0.25 \$0.45 \$0.75 \$2.00

## Tomato

One ounce will produce from 1000 to 2000 plants.

Start the seed indoors during February or March and set plants out after all danger of frost has passed.

**Beauty.** Main crop. Fruits large, smooth, solid and purplish pink in color..... \$0.45 | \$0.80 | \$1.20 | \$4.00 |

**Bonny Best.** Extra early, medium-sized bright scarlet, smooth, round fruit ripens evenly to the stem..... .45 | .80 | 1.20 | 4.00 |

**Purple Top White Globe Turnip.**

**Dwarf Champion.** Dwarf growth. Fruits smooth, solid, of medium size, pink and quite early..... \$0.60 | \$1.00 | \$1.75 | \$6.50 |

**Early Detroit.** Early, large, smooth and solid, globe-shaped, purple variety..... .50 | .90 | 1.30 | 4.50 |

**Earliana.** Extra early. Bright red; smooth..... .55 | 1.00 | 1.40 | 5.00 |

**John Baer.** An early, productive, solid red Tomato..... .45 | .80 | 1.20 | 4.00 |

**Lohrman's Acme.** The earliest of the purple-fleshed varieties. Medium size, good bearer..... .55 | 1.00 | 1.40 | 5.00 |

## Turnip

One ounce will sow 200 feet of row; one pound will sow an acre in drills; two pounds broadcast.

Sow broadcast or in rows two feet apart.

**Extra Early White Milan.** Roots Oz. 2 ozs. ¼ lb. Lb. clear white, smooth, flat, symmetrical, sweet and tender. Very early..... \$0.15 | \$0.20 | \$0.30 | \$1.00 |

**Long White Cow Horn.** Cylindrical, pointed, white roots, 12 to 16 inches long, 2 to 3 inches in diameter..... .15 | .20 | .30 | .65 |

**Purple Top White Globe.** Flesh firm, sweet, fine grained and mild. Good keeper..... .15 | .20 | .30 | .65 |

**Seven Top.** Grown exclusively for the tops which are used for greens..... .15 | .20 | .30 | .65 |

**White Egg.** Oval or egg-shaped variety, roots medium size and clear white..... .15 | .20 | .30 | .65 |

**Golden Ball.** Yellow-fleshed table turnip, medium size..... .10 | .15 | .35 | .80 |

**Shogoin.** (Foliage Turnip). Used for turnip greens. Upright growth making it practically free from insects..... .25 | .40 | .50 | 1.50 |

**Marglobe.** Fruits large, smooth and globular, meaty and almost coreless. Very productive. Mid-season..... .55 | 1.00 | 1.75 | 6.00 |

**Ponderosa.** Large purple fruit. One of the best for the home garden. Solid and very few seeds..... .75 | 1.40 | 2.00 | 7.00 |

**Trucker's Favorite.** Midseason variety. Large, smooth, purplish red fruit..... .55 | 1.00 | 1.40 | 5.00 |

**Red Head.** Early, large bright red fruits, nearly all globe-shaped and very solid..... .75 | 1.40 | 2.00 | 7.00 |

**RUTABAGAS.** Sow seed July 1st the same as Turnips. Oz. 2 ozs. ¼ lb. Lb.

**American Purple Top.** Roots are large, oblong or globular in form, small tap root, small neck. Color bright yellow, purple top, tender and sweet..... \$0.15 | \$0.20 | \$0.25 | \$0.60 |

## Herbs

Every garden should have a few herbs. Sow early in the spring. Cover lightly.

**Basil, Sweet.** Used for flavoring soups and sauces. 2 feet..... \$0.25 | \$0.35 | \$0.65 | \$2.25 |

**Borage.** Leaves used to give cucumber-like taste in salads..... .20 | .35 | .65 | 2.25 |

**Caraway.** Seed is for baking purposes..... .20 | .30 | .50 | 1.75 |

**Dill.** Used for flavoring cucumber pickles..... .15 | .20 | .35 | .80 |

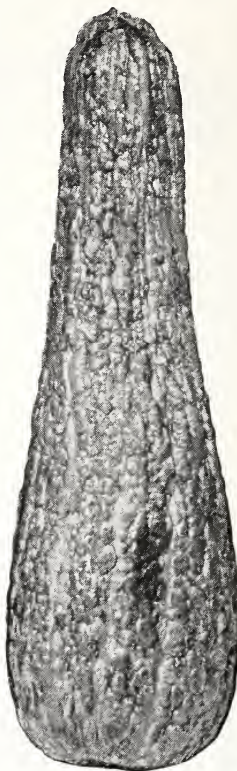
**Florence Fennel.** The roots are boiled, also used as salad..... .15 | .20 | .35 | 1.25 |

**Sage.** Perennial. Used for dressings and seasoning..... .25 | .35 | .65 | 2.25 |

**Savory, Summer.** Annual. For flavoring soups and dressings... .. .20 | .30 | .50 | 1.75 |

**Sweet Marjoram.** Annual. Aromatic; used as a seasoning..... .20 | .30 | .50 | 1.75 |

**Thyme.** Perennial. Used for seasoning soups and sauces..... .40 | .70 | 1.25 |  |



Summer  
Straightneck  
Squash.



# Lohrman's Flower Novelties for 1931

## Asters

**CRESTED CALIFORNIA SUNSHINE.** H.A. 2½ ft. This excellent strain produces a most artistic flower with a single row of outer petals adorned with a tufted center of short florets. It is a great advance over the earlier Sunshine type, being more erect and having longer stems. The flowers make delightful bouquets and come in a mixture of the shades of lavender, pink, pale blue and white. Pkt., 25c.

**PEERLESS YELLOW.** H.A. Large, very double flowers, deep yellow when first opening, changing to a paler yellow, and having slightly incurved petals. Pkt., 25c.

## Delphinium, Wrexham's Imported Hollyhock Strain

H.P. Experts regard this strain as quite the finest in cultivation. It is conspicuous for its massive, broad-based spires of large, individual flowers which are compactly arranged about the stems. The shades of blues and mauves are of exquisite clarity. Particularly effective in mass plantings with liliun candidum. 4-6 ft. Pkt., 25c.

## Euphorbia Heterophylla

(Annual Poinsettia)

An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bushlike form, with smooth, glossy green leaves which about mid-summer become a beautiful orange-scarlet, presenting a striking appearance. Pkt., 25c.

## Petunia, Blue Bird

H.A. This exquisite Single Petunia grows 12 to 18 inches in height. The color, dark violet without a trace of magenta surpasses any of its type for borders and bedding. Plants are robust and continuous bloomers, with flowers averaging from 2½ to 3 inches across from early summer until late fall. Pkt., 25c.



Petunia, Blue Bird.



Crested California Sunshine Aster.

## Larkspur, Tall Double Stock Flowered Imp.

H.A. This is a class of Larkspur forming laterals at the stalk, as many as eighteen having been cut from one plant. The flowers are extremely double and placed in such a manner as to give the impression of Delphinium spikes rather than Larkspur.

**LOS ANGELES.** Bright rose on salmon base. Pkt., 25c.

**BLUE SPIRE.** An intense deep blue. A favorite color among flower growers and florists. Pkt., 25c.

## Marigold, African Alldouble

H.A. Large, perfect, quilled flowers of rich, deep golden orange color and comes 100 per cent double from seed. Pkt., 25c.

## Scabiosa, "Loveliness"

It is a glorious new color in an annual Scabiosa. The flowers range through varying tones of soft delicate salmon-rose. It has long, stiff stems and a delightful fragrance, but its crowning beauty is its glorious salmon-rose color. Pkt., 25c.

## Zinnias, Pumila Picotee, "Delight"

This new medium sized, compact type of Zinnia has blooms 2½ inches in diameter with ruffled and curled petals picotee or tipped at the ends with a contrasting color. The mixture of colors contains shades of salmon, cream, buff, biscuit, golden yellow and lavender. Pkt., 25c.



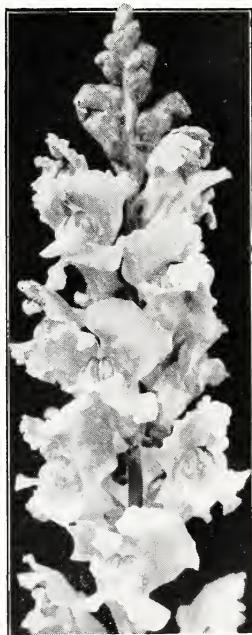
Scabiosa, Loveliness.



# Lohrman's Annual Flower Seeds



Arctotis Grandis.



Antirrhinum, Majestic Orange King.



Asters, Giants of California.

**ACROCLINIUM** H.A. A pretty Everlasting. Daisy-like flowers for winter bouquets. 3 feet.  
**DOUBLE MIXED.** Pkt., 10c; ½ oz., 30c; oz., 50c.

**ADONIS** H.A. Pretty, early blooming annual with deep crimson flowers and feathery foliage. 1 foot. Pkt., 10c; ½ oz., 30c; oz., 50c.

**AGERATUM** H.A. Little bushy plants are covered with dainty flosslike flowers. 4 or 5 inches.

**DWARF WHITE.** Extra fine. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.20.

**DWARF BLUE.** Extra quality. Pkt., 10c; ½ oz., 45c; oz., 75c.

**LITTLE BLUE STAR.** Light blue; fine for carpet bedding. 6 inches. Pkt., 10c; ½ oz., 75c; ¼ oz., \$1.25; ½ oz., \$2.25; oz., \$3.75.

**ALYSSUM** SWEET. Used for beds, baskets, edging or rockwork. White. 6 inches. Pkt., 10c; ½ oz., 20c; oz., 35c.

**LITTLE GEM.** Very dwarf and compact; fine for bedding. White. Pkt., 10c; ½ oz., 35c; oz., 60c.

**LILAC QUEEN.** Deep lavender-lilac, of dwarf, compact habit; 6 inches. Pkt., 10c; ½ oz., 35c; oz., 60c.

**AMARANTHUS CAUDATUS** (Love-Lies-Bleeding). H.A. Long, drooping crimson racemes; height 3 feet. Pkt., 10c; oz., 25c.

**TRICOLOR** (Joseph's Coat). Leaves red, yellow and green. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**ANCHUSA BLUE BIRD.** H.A. Plants of compact habit, bearing flowers of vivid indigo-blue in a luxuriant bouquet at the top. 18 inches. Pkt., 25c.

**ANTIRRHINUM** (Snapdragon). H.H.B. The flowers are produced on immense long spikes, which render them extremely well adapted for cut flowers. For continuous flowering keep seed pods nipped off.

**NEW ENGLISH "MAJESTIC."** A new type of Snaps, with flowers of the Maximum sorts and height of the semi-tall sorts.

**MAJESTIC ORANGE, ORANGE KING.** The splendid flowers are a glowing orange color with yellow lips and rich russet bases. Pkt., 25c; ¼ oz., 95c; ½ oz., \$1.65.

**MAJESTIC TERRA COTTA, SUNSET.** Reminiscent of the sun's afterglow, bright terra cotta above gradually shading into rosy salmon. Pkt., 25c; ¼ oz., 95c; ½ oz., \$1.65.

**MAJESTIC TWILIGHT.** Delicate apricot with yellow and salmon shading. Pkt., 25c; ¼ oz., 95c; ½ oz., \$1.65.

**MEDIUM LARGE-FLOWERED TYPE.** Scarlet, Yellow, Pure White, Rose and Mixed. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**LOHRMAN'S SUPER-GIANT SNAPDRAGONS** (Antirrhinum Majus Maximum). These Snapdragons grew much taller than the Half-Dwarf group and with larger flowers. In size, color and profusion of blossoms these Super-Giants are a wonderful improvement. 4 to 5 feet.

**Appleblossom.** Soft apple-blossom-pink with yellow lip and pure white throat.

**Cerberus.** Rosy carmine with yellow lip.

**Copper King.** Velvety copper scarlet.

**Indian Summer.** Velvety copper.

**Superfine Mixed.** Pkt., 25c; ½ oz., 60c; ¼ oz., \$1.00; ½ oz., \$1.65; oz., \$2.75.

**ARCTOTIS GRANDIS** (African Daisy). H.A. Bushy plants large, daisy-like flowers, pure white on the upper surface, the reverse side of petals lilac-blue. 2 feet. Pkt., 10c; ½ oz., 45c; oz., 75c.

**ARGEMONE GRANDIFLORA** (The Prickly Poppy). H.A. Handsome poppy-like flowers, snowy white, filled in the center with golden stamens. 2 feet. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**ASPARAGUS PLUMOSUS NANUS.** G.P. Graceful and feathery, bright green foliage. 8 feet. Pkt., 10c; 50c per 100 seeds.

**SPRENGERI.** G.P. A handsome variety of rapid growth for hanging baskets. 3 feet. Pkt., 10c; 50c per 100 seeds.

**ASTERS SUNSHINE.** A new, semi-double Aster of striking gracefulness; the quilled golden yellow centers are surrounded by a ruff of small florets, which make this variety very distinctive. The flowers average from four to six inches in diameter. The plant is branching in habit. 11 to 16 inches. Mixed colors. Pkt., 25c; ¼ oz., 75c.

**AURORA.** A very beautiful blue Aster with large quilled bright yellow center. A very distinct novelty. Pkt., 25c.

**PEERLESS YELLOW.** Large, very double flowers, deep yellow when first opening, changing to a paler yellow having slightly incurved petals. Pkt., 25c.

**OSTRICH FEATHER.** H.A. This magnificent Aster produces flowers in immense size, made up of long, loosely formed petals. Blooms in August; used for cutting. 16 inches. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.

## Explanation of Flower Seed Abbreviations

H.A.	designates	Hardy Annuals—last but one year.
H.H.A.	"	Half-Hardy Annuals—lasting but one year.
H.B.	"	Hardy Biennials—lasting but two years.
H.H.B.	"	Half-Hardy Biennials—require protection during Winter.
H.P.	"	Hardy Perennials—lasting three or more years.
H.H.P.	"	Half-Hardy Perennials—require protection during Winter.
H.C.	"	Hardy Climber—lasting three or more years.
G.P.	"	Greenhouse Plant.
H.A.C.	"	Hardy Annual Climber.



## ASTERS—Continued.

**ROYAL.** The petals are broad and incurved, or shell-shaped, giving the flowers a charming and distinctive effect. They are vigorous and sturdy growers, branching from the base of the plants. 2 feet. Pkt., 10c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.25; oz., \$2.00.

**NEW CALIFORNIA GIANT BRANCHING.** Midseason. Plants grow with long, strong stems 18 to 24 inches in length, bearing beautifully formed, curled and interlaced flowers 5 inches and over across. 3 to 3 $\frac{1}{2}$  feet. White, Peach Blossom, Light Blue, Deep Blue, Deep Rose, Dark Purple, and Mixed. Pkt., 25c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.00.

**SEMPLE'S BRANCHING—LATE.** Superior late-flowering branching Asters. The flowers are large, very double and borne on long stems. They begin blooming about the first of September. Plants strong growers,  $1\frac{1}{2}$  to 2 feet high. White, Flesh, Pink, Deep Rose, Crimson, Lavender, Purple, and Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.75.

**HEART OF FRANCE.** The flowers are large and full to the center; open ruby-red, deepening with age. Plants are of branching type; flower stems long. Pkt., 10c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.25; oz., \$2.00.

**BALLOON VINE** (Love-in-a-Puff). H.H.C. A free-growing vine, bearing clusters of bloom and round seed pods resembling miniature balloons. Pkt., 10c; oz., 30c.

**BEGONIA** SEMPERFLORENS, MIXED. H.H.A. A boon for shady places. One of the few gorgeously tinted flowers which will thrive and make glorious the dark and shady corners. Pkt., 25c.

**BLUE LACE FLOWER.** See Didiscus, page 14.

**BRACHYCOME** (Swan River Daisy). H.H.A. Blue or white flowers, suitable for edgings, small beds or pot culture. 12 inches. Mixed, Pkt., 10c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.75.

**CACALIA** (Tassel Flower). H.A. Each flower is a miniature paint brush produced on long, wiry stems. 2 feet. Pkt., 10c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.50.

**CALCEOLARIA** G.P. Bears a large profusion of small, pocket-shaped flowers, many of which are beautifully tigered or spotted. Pkt., 25c.

**CALENDULA** (Pot Marigold). H.A. One of the best and showiest free-flowering hardy annuals, growing in any good garden soil. 1 foot.

**SENSATION.** Larger flowers than any other Calendula. Color a brilliant orange with a scarlet sheen and a full yellow center. Pkt., 25c.

**RADIO.** A European novelty that is unlike any other Calendula. The flowers are large and double and the petals instead of being flat like other varieties are beautifully quilled and form an almost globular flower. The color is a rich glistening orange. Pkt., 25c.

**ORANGE KING.** Extra select florist strain. Double, rich orange-red variety, producing flowers over 3 inches in diameter. Pkt., 10c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 55c; oz., 95c.

**LEMON QUEEN.** Very large and double; lemon-yellow. Pkt., 10c; oz., 35c.

**BALL'S STRAIN.** Bright, glowing orange; large and double. Pkt., 25c.

**VARIETY MIXTURE.** A mixture of the different shades of orange and yellow. This is an especially made mixture to assure you of as great a variety as possible. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c.



Centaurea Cyanus—Bachelor Button.

**CALLIOPSIS TINCTORIA MIXED.** The flowers, which are about  $1\frac{1}{2}$  inches across, vary from clear yellow to deep rich brown, the two colors often being beautifully contrasted in the same blossom. 2 to 3 feet. Pkt., 10c; oz., 35c.

**TOM THUMB DAZZLER.** Blooms completely cover the plant, with rich maroon-red center and broad, golden yellow border; used for bedding and border. 12 inches. Pkt., 10c;  $\frac{1}{4}$  oz., 85c;  $\frac{1}{4}$  oz., \$1.45;  $\frac{1}{2}$  oz., \$2.40.

**CANARY BIRD VINE** H.A.C. A splendid rapid annual climber; canary colored blossoms resembling a bird. Pkt., 10c;  $\frac{1}{4}$  oz., 30c;  $\frac{1}{2}$  oz., 45c; oz., 75c.

**CANNA** H.A. Handsome foliage and flowering plants. Scrape or file the edge of seed and soak in warm water until they show signs of swelling, then sow in sandy loam and place in a hotbed.

**CROZY'S DWARF MIXED.** From the finest sorts. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 65c.

**CANDYTUFT** H.A. Showy plants, much grown in masses in beds or for edging. Flesh Pink, Crimson, Lavender, Purple and White. Mixed colors, pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

**GIANT HYACINTH-FLOWERED.** Immense spikes of pure white flowers. Pkt., 10c;  $\frac{1}{2}$  oz., 50c; oz., 90c;  $\frac{1}{4}$  lb., \$3.00.

**CARNATIONS** H.H.P. They have the most beautiful colors and are easily raised from seed the first year.

**CHABAUD'S GIANT DOUBLE.** Yellow, White, Pink, Dark Red, and Maroon. Pkt., 10c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.75; oz., \$3.00. Mixed, pkt., 10c;  $\frac{1}{4}$  oz., 45c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.25; oz., \$2.00.

**MARGUERITE FINEST MIXED.** The plants of this wonderfully fine strain may be made to bloom in four months. Flowers large, double, deeply fringed, very fragrant. Especially desirable for bedding as an annual and for cutting. 18 inches. Pkt., 10c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.50.

**CASTOR OIL BEAN.** See Ricinus, page 17.

**CENTAUREA** GYMNOCARPA. H.A. Leaves fernlike and a trifle taller than Candidissima. Pkt., 10c;  $\frac{1}{4}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.15; oz., \$1.95.

**CANDIDISSIMA.** Thick white leaves grown for foliage and used for edging. Pkt., 10c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.75; oz., \$3.00.

**CENTAUREA CYANUS** (Cornflower or Bachelor's Button). H.A. Excellent for cutting. 2 feet.

**DOUBLE BLUE.** Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 75c.

**DOUBLE MIXED.** Pkt., 10c; oz., 30c.

**SINGLE BLUE.** Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c.

**SINGLE CHOICE MIXED.** Pkt., 10c; oz., 30c.

**CENTAUREA IMPERIALIS** (Giant Cornflower or Sweet Sultan). H.H.A. Fine for massing in borders and are unsurpassed for cut flower purposes. Sweet scented flowers borne on long stems in a mixture of white, lavender, rose and purple. 2 to 3 feet. Mixed, pkt., 10c;  $\frac{1}{4}$  oz., 30c;  $\frac{1}{2}$  oz., 50c; oz., 80c.

**CHRYSANTHEMUMS** H.A. Summer blooming; beautifully colored, daisy-like flowers; fine for cutting. 12 to 18 inches.

**CORONARIUM.** Double mixed, pkt., 10c; oz., 40c. Single mixed, pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c.

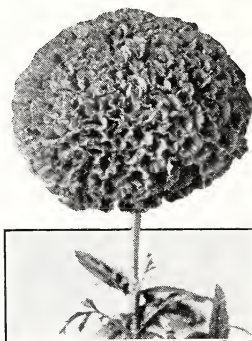


Mixed Calendulas.





Dianthus Heddwigi.



Alldouble African Marigold.



Godetia.

**CINERARIA HYBRIDA.** G.P. The plants produce immense trusses of daisy-like flowers in shades from white through various shades of blue to pink and crimson. **CHOICE MIXED.** Semi-dwarf, large flowering. Pkt., 50c.

**CLARKIA** The flowering sprays are long and resemble sprays of Flowering Almond. Double flowers in white, scarlet and salmon. Double and single mixed. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**CELOSIA CRISTATA (Cockscomb).** H.H.A. Popular annual, producing cockscomb-like heads. Mixed shades of red. Pkt., 10c; ¼ oz., 60c; oz., \$1.00; oz., \$1.50.

**CRISTATA, GLASGOW PRIZE.** Dark crimson. Comb shape. 12 inches. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; ¾ oz., \$1.50; oz., \$2.50.

**PLUMOSA, TALL MIXED (Feathered Cockscomb).** Bright red and yellow plumes. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**CHILDSEI (Chinese Woolflower).** Ball-shaped scarlet flowers, resembling silky wool. 3 feet. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**COBAEA SCANDENS.** H.H.C. Tender climber, large, bell-shaped, blue flowers. 20 feet. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**ALBA.** Pure white. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.

**COLEUS** G.P. A richly colored foliage plant. Mixed hybrids. Pkt., 25c; 1/16 oz., \$1.45; ¼ oz., \$2.40.

**COSMOS** H.A. This is one of the most useful and beautiful Autumn flowers. 5 feet.

**HOLLYWOOD STAR.** It has a center from which issue closed quilled-like petals, the tips of which are cut and slightly curled. It is a mixture of red, white and pink. Pkt., 25c.

**EXTRA EARLY GIANT FLOWERING.** Flowers 4 to 5 inches across. White, pink, crimson and mixed. Pkt., 10c; ¼ oz., 30c; oz., 50c.

**EXTRA EARLY DOUBLE CRESTED.** They come into bloom as early as the extra early single and the flowers are unusually large. 5 feet. Mixed, white, pink, crimson. Pkt., 25c; ¼ oz., 80c; ½ oz., \$1.35; oz., \$2.25.

**CYCLAMEN** G.P. Charming house plants, with beautiful foliage and rich colored, fragrant flowers; favorites for Winter blooming. Pkt., 25c.

**CYPRESS VINE** H.A.C. A very graceful, twining annual climber with delicate, fernlike foliage, and a profusion of star-shaped blossoms. Mixed. 10 feet. Pkt., 10c; ½ oz., 25c; oz., 40c.

**CYNOGLOSSUM (Chinese Forget-Me-Not).** **AMABILE BLUE.** H.A. Flowers of a true Forget-Me-Not blue. May be grown either outside or under glass. Make wonderful cut flowers. 18 to 24 inches. Pkt., 25c.

**AMABILE PINK.** In general appearance it resembles the blue variety only that the flowers are rich, deep pink and are more striking than pink Forget-Me-Nots. Pkt., 25c.

**DAHLIAS** H.H.P. They will bloom the first year if sown early. Double mixed. 4 to 6 feet. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; ¾ oz., \$2.00.

**"COLTNESS HYBRIDS" IMPROVED.** This type is dwarf, and the colors more select, ranging from deep crimson to white and include the delicate pinks, roses and yellows, mauves and the various shades of scarlets and purples. 18 to 24 inches. Pkt., 25c.

**DATURA WRIGHTII.** H.H.A. Large trumpet-shaped flowers. 4 feet. Pkt., 10c; ¼ oz., 45c; oz., 75c.

**DIANTHUS (Chinese or Indian Pinks).** H.H.A. These, although biennials, bloom the first season, and should be treated as hardy annuals. They are excellent for small beds or edgings, flowering profusely and in great variety of colors. 12 inches.

**SINGLE ANNUAL PINKS (Heddwigi).** Fine mixed. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**DOUBLE ANNUAL PINKS (Chinensis Fl. Pl.).** Fine mixed. Pkt., 10c; ¼ oz., 45c; oz., 75c.

**SWEET WIVELSFIELD.** A new flower, good for borders, as a cut flower and especially adapted for rock gardens. Its flowers have the brilliancy in color and the dainty markings of the Japanese Pink and the plant the thrifty habit of growth of Sweet William. Seed sown outdoors in the spring makes plants that bloom from late midsummer until frost. Pkt., 25c.

**DIDISCUS (Blue Lace Flower).** H.A. Pale lavender flowers blooming from July until frost. 18 inches. Pkt., 10c; ¼ oz., 65c; ½ oz., \$1.10; oz., \$1.65.

**DIMORPHOTHECA (African Golden Daisy).** H.A. Color rich, glossy orange-gold, with dark center. 18 inches. Hybrids mixed. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**PLUVIALIS RINGENS.** More dwarf than the Hybrids but flowers more freely. The individual flowers are pure white on the inside with a conspicuous blue ring around the center or eye of the flowers. Pkt., 25c.

**DOLICHOS (Hyacinth Bean).** H.A.C. Annual climber with clusters of beanlike flowers. 10 feet. Pkt., 10c; oz., 25c.

**DRACAENA INDIVISA.** Beautiful long green leaves, useful for baskets, porch boxes or tubs. Pkt., 10c; ¼ oz., 25c; ½ oz., 45c; oz., 75c.

**ESCHSCHOLTZIA (California Poppy).** H.A. A bright free-flowering plant of low, spreading growth, with finely cut, silvery foliage. The poppy-like flowers are produced from early spring until frost in shades of yellow, carmine-crimson, orange and pure white. 12 inches. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**RAMONA.** A single flower with frilled edges which give it an appearance of a semi-double. The color is a pale but glittering coppery gold with pink shadings. Pkt., 25c.

**EUPHORBIA (Snow-on-the-Mountain).** H.A. Showy border plant; foliage edged and veined with white. 2 feet. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**HETEROPHYLLA (Mexican Fire Plant).** Annual poinsettia resembling in habit and color the beautiful hothouse poinsettia. About midsummer the center top leaves of each branch turn orange-scarlet. Pkt., 25c.

**FORGET-ME-NOT.** See Myosotis, page 16.

**FOUR O'CLOCKS.** See Marvel of Peru, page 16.

**GAILLARDIA PICTA (Blanket Flower).** H.A. Flowers large and flat; yellow and orange, with center and rings of varying extent in shades of red and maroon. 2 feet. Mixed. Pkt., 10c; ½ oz., 40c; oz., 65c.

**GERANIUM** G.P. Well known plants for garden or pot culture.

**ZONALE.** Mixed. Pkt., 25c.

**GILIA** H.A. Fine feathery foliage and bearing freely, globular flower heads of rich lavender-blue.

**CAPITATA.** 2 feet. Pkt., 10c; ½ oz., 30c; oz., 50c.

**GLOBE AMARANTH** H.A. Clover-like heads of flowers; esteemed as Everlastings. Mixed. 12 inches. Pkt., 10c; ¼ oz., 25c; ½ oz., 45c; oz., 75c.

**GODETIA** H.A. Showy azalea-like flowers, of satiny texture in many colors. 1 foot. Mixed. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.





Eschscholtzia—California Poppies.



Lupines.



Clarkia.

**GOURDS** Rapid growing, interesting annual climbing plants, with ornamental foliage and curious shaped fruit. Height 10 to 20 feet.

**MIXED.** All sorts. Pkt., 10c; oz., 30c.

**GYSOPHILA** (Baby's Breath). H.A. Misty, white panicles of bloom are largely used for mixing with other cut flowers.

**ELEGANS ALBA.** Pure white. Pkt., 10c; oz., 25c; 2 ozs., 45c; 4 ozs., 75c.

**CARMINEA.** Carmine-rose. Pkt., 10c; oz., 45c.

**HELIOTROPE** G.P. Very fragrant, blue flowers; splendid for pots and gardens. Mixed. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**HELICHRYSUM** (Everlasting Strawflower). H.A. Large, full double, daisy-like flower heads with prominent centers and stiff, overlapping scales. 2 to 2½ ft.

**MONSTROSUM FL. PL.** Mixed. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**HOLLYHOCKS (ANNUAL)** H.A. These annual kinds bloom the first year, and if sown in the open ground in May, they will be in flower in August, but if started indoors and set out in May, they will bloom in July. 5 feet.

**ANNUAL SINGLE.** Pkt., 10c; ½ oz., 35c; oz., 60c.

**ANNUAL SEMI-DOUBLE.** Pkt., 10c.

**HYACINTH BEAN.** See *Dolichos*, page 14.

**IPOMOEA** H.A.C. Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, and arbors. 20 feet.

**GRANDIFLORA ALBA** (Moonflower). Large, heart-shaped leaves and large, pure white flowers which open only late in the evening. Pkt., 10c; ¼ oz., 25c; ½ oz., 45c; oz., 75c.

**RUBRA COERULEA.** Beautiful sky-blue flowers. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c.

**CARDINALIS** (Cardinal Climber). Deep cardinal-red flowers with laciniated foliage. Pkt., 10c; ¼ oz., 35c; oz., 60c.

**HUMULUS JAPONICUS** (Japanese Hop). H.A.C. A climber with dense green foliage. 20 feet. Pkt., 10c; oz., 35c; 2 ozs., 60c; ¼ lb., \$1.00.

**KOCHIA** (Summer Cypress). H.A. An ornamental plant that forms dense bushes with feathery, light green leaves, changing in the Fall to bright crimson. 2 to 3 feet. Pkt., 10c; oz., 45c.

**LANTANA** G.P. The flowers are borne in verbenalike heads of orange, white, rose, etc. Greenhouse or bedding plant. Mixed colors. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**LARKSPUR** H.A. Larkspur, or Annual Delphiniums, bloom quickly from seed sown in the Spring and their fine flower spikes are exceedingly graceful and attractive in the garden. They furnish the finest cutting material. 2 feet.

**TALL DOUBLE STOCK FLOWERED.** Dark Blue, Light Blue, Flesh Pink and Mixed. Pkt., 10c; ½ oz., 45c; oz., 75c.

#### FOUR NEW LARKSPURS.

**LOS ANGELES.** H.A. Brilliant rose on salmon ground. Pkt., 25c; ¼ oz., \$1.30.

**IMPROVED BLUE SPIRE.** H.A. Intense, deep, oxford blue. Pkt., 25c; ¼ oz., 80c.

**EXQUISITE (Improved).** H.A. Beautiful soft pink. Pkt., 25c; ¼ oz., 75c.

**LA FRANCE.** H.A. Salmon-pink. Pkt., 25c; ¼ oz., 75c.

**LEPTOSYNE MARITIMA** (Sea Dahlia). 20 inches. A cliff plant from California with graceful feathery foliage and large Dahlia-like flowers, yellow with golden center. Fine for cutting. Treat as a half-hardy annual and give a sunny situation. Pkt., 25c.

**LOBELIA** H.H.A. Compact little bushes and are fairly sheeted with bloom throughout the season. Desirable for edgings, ribbon bedding and garden decoration. 6 inches.

**CRYSTAL PALACE COMPACTA.** Rich deep blue, dwarf-growing variety; the best for edging. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.15; ¾ oz., \$1.95; oz., \$3.25.

**GRACILIS.** Trailing variety for hanging baskets. Light blue. Pkt., 10c; ¼ oz., 25c; ½ oz., 45c; oz., 75c.

**LUNARIA BIENNIS** (Honesty). Chiefly grown for its large, silvery white seed pods which are indispensable for Winter bouquets. 1½ to 2 feet tall. Numerous pink-purple flowers in May and June. Fragrant. Pkt., 25c.

**LUPINE** H.A. Produces an abundance of long, graceful spikes of pealike flowers which are very showy and pretty in shades of blue, rose and white. Fine for beds or borders as well as for cutting. Does well in partial shade. 2 feet. Mixed. Pkt., 10c; oz., 35c.

**MARIGOLD TALL AFRICAN.** H.A. The African varieties are the largest, and have large, double flowers 2 to 3 inches across. The African are well suited for cutting as well as for bedding purposes. Our seed is of the big double "Fistulosa" type, which is far superior to the ordinary double African Marigolds.

**ALLDOUBLE ORANGE AFRICAN.** Exactly like Orange Ball in size and color and comes 100 per cent double from seed. Pkt., 25c.

**ORANGE BALL.** Extra select. Large, double-quilled flowers of a rich, deep orange color; most popular of all the Marigolds. Grows 3 feet high. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**LEMON BALL.** Extra select. Like Orange Ball except in color, which is a soft lemon-yellow. 3 feet. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**DOUBLE AFRICAN MIXED.** Extra select. Orange and yellow mixed. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

#### FRENCH MARIGOLDS H.A.

The French varieties are low growing and usually used for edging or bordering a garden or for formal flower beds.

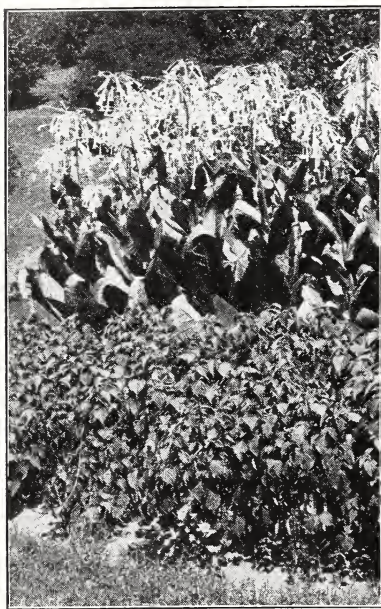
**ROBERT BEIST.** The blooms of this variety measure about the size of a fifty-cent piece, the color combination most pleasing, namely velvety reddish brown with small golden center. Double. Pkt., 25c.

**JOSEPHINE** (Tall French Single). Single, dark brown flowers with edging of old gold. 2 feet. Pkt., 25c.

**FRENCH MIXED.** Double flowers of yellow, orange, cream, brown and old gold, in a splendid mixture. 1 foot. Pkt., 10c; ½ oz., 45c; oz., 75c.

**FRENCH PIGMY.** Double, golden; ideal for beds or edging. 9 inches. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 65c.





Nicotiana and Salvia.



Nasturtium.



Phlox Drummondii.

**MARVEL OF PERU** (Four O'clock). H.A. Well known; produces large, convolvulus-like flowers; white, yellow, crimson, striped etc. 2 feet. Mixed. Pkt., 10c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c.

**MIGNONETTE** DEFIANCE. H.A. Nearly double the size of the most popular varieties. The flowers are pyramidal in shape, reddish colored and highly perfumed. Pkt., 10c; ½ oz., 30c; oz., 50c.

**SWEET SCENTED** (Odorata). The old variety with small yellowish spikes, but very sweetly scented. Pkt., 10c; oz., 25c.

**MIMULUS** MOSCHATUS (Musk Plant). H.H.A. Fine for hanging baskets, etc.; small, yellow flowers, musk scented foliage. 1 foot. Pkt., 25c; ¼ oz., \$1.50; ¼ oz., \$2.50.

**MIMOSA** PUDICA (Sensitive Plant). H.H.A. Curious and interesting, pinkish white flowers; leaves droop when touched or shaken. 1 foot. Pkt., 10c; ½ oz., 50c; oz., 90c.

**MOONFLOWER.** See Ipomoea, page 15.

**MORNING GLORY** (Convolvulus Major). H.A.C. 10 feet.

**HEAVENLY BLUE.** The vines make a growth of 15 feet or more, are covered with splendid light green foliage and show from July until frost masses of pure sky-blue flowers delicately shading to white in the center. Pkt., 25c.

**IMPERIAL JAPANESE.** The flowers are of gigantic size, and their colorings beautiful beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades. There are also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. Pkt., 10c; oz., 35c.

**MYOSOTIS** (Forget-Me-Not). H.H.A. This is a favorite old-fashioned flower, bearing clusters of dainty blue five-petalled blossoms. It does well in the shade. 9 inches.

**INDIGO BLUE.** Pkt., 10c; ¼ oz., \$1.25; ½ oz., \$2.00.

**ALPESTRIS.** Light blue. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**ALPESTRIS ROSEA.** Pink. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**CHINESE FORGET-ME-NOT.** See Cynoglossum, page 14.

**NASTURTIUMS** Few plants are more easily grown or remain longer in bloom than the Nasturtium, with its large, shield-shaped leaves and beautifully irregular flowers having long spurs and brilliantly colored petals.

**TALL OR CLIMBING NASTURTIUMS.** Mixed. 6 feet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

**DWARF OR BEDDING NASTURTIUMS.** 1 foot.

**Empress of India.** Deep crimson, dark leaved.

**Golden King.** Indian yellow, dark leaved.

**Vesuvius.** Rich salmon-rose.

**Aurora.** Terra cotta red.

**Separate Colors and Mixed.** Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**NEMESIA** DWARF LARGE-FLOWERING HYBRIDS. H.A. The orchid-like flowers are very varied in color; used for low massing and borders. 1 foot. Pkt., 10c; ⅜ oz., \$1.00; ¼ oz., \$1.75; ½ oz., \$3.00.

**NEMOPHILA** INSIGNIS (Baby's Eyes). A border plant of bushy habit, virtually covered with a mass of clear sky-blue flowers. 8 inches. Pkt., 10c; oz., 25c.

**NICOTIANA AFFINIS** (Tobacco Plant). Fragrant flowers open morning and evening. Pure white. 3 feet. Pkt., 10c; ½ oz., 30c; oz., 50c.

**NIGELLA** DAMASCENA. The large, oddly shaped, double, blue and white flowers are surrounded by a very dense fringe or wreath of mossy fibers. 18 inches. Pkt., 10c; ½ oz., 45c; oz., 75c.

**LOHRMAN'S PANSIES** August-sown seed produces large plants, which flower freely the following spring. Sow in open ground early in August, setting to permanent location in September. Place about 3 inches of dry leaves, loose straw, or soft hay over the plants the last of November. This will afford good protection and make splendid early-flowering plants. Seed sown early in spring will produce flowers in late summer.

**Roggli Giant Pansies** SWISS GIANTS. The flowers are gigantic size, perfectly round. There is no other strain that offers a flower in which you will find such wonderful combinations of brilliant colors. These pansies are three- and five-blotched and come in rose, red, salmon, apricot, wine, purple, brown, rich blue and many other shades and colors. Pkt., 50c.

**Trimardeau Mixed** A standard variety producing very large, well rounded flowers, each of which is marked with three large blotches. They are well colored, usually in the darker shades. Mixed colors. Pkt., 10c; ¼ oz., 80c; ½ oz., \$1.35; oz., \$2.25; 4 ozs., \$7.50.

**Steele's Greenhouse Mixture** A giant strain which for size of bloom, heavy texture and varied shades and colors, with their distinct markings, cannot be excelled. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.25; oz., \$6.00; 4 ozs., \$21.00; lb., \$75.00.

**Steele's Miracle Mixed Mastodon Pansy** A superb mixture of all the finest types and latest novelties, including ruffled flowers, sunburst Pansies, smoky rims, and henna shades. Mixed. Pkt., 25c; ¼ oz., \$1.50; ½ oz., \$2.75; ¾ oz., \$5.25; oz., \$10.00; 3 ozs., \$27.00; 4 ozs., \$34.00.

**Steele's Pansies, Separate Colors**

**MLLE. IRENE.** Tango red. Pkt., 25c; 1/16 oz., 85c; ¼ oz., \$1.50; ½ oz., \$2.75; ¾ oz., \$5.25; oz., \$10.00.

**MADAME PERRET.** Wine, pink and red, edges of petals frilled and bordered white.

**MADAME STEELE.** Elk's purple.

**PARISIAN YELLOW.** Pure yellow.

**PRINCE HENRY.** Dark blue.

**BRONZE.** Shades of burnished brass to gold.

Prices of the above as follows: Pkt., 25c; 1/16 oz., 65c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.25; oz., \$6.00.

**PHLOX DRUMMONDI** (Large Flowering). H.A. The plants are bushlike with many broad, flat-topped clusters of nearly round and star-shaped flowers. 12 inches. Mixed, pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.

**STAR MIXED.** Similar in habit and form to the large flowering sorts except in the shape of the individual flowers. These have petals with fringed or toothed edges, darker centers and pectee edges, giving them the appearance of twinkling stars. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.





Rosy Morn Petunias.



Portulaca.



Stocks.

## POPPIES

H.A. Few flowers have the same grace of stem, airiness of poise, and delicacy of tissue as the Poppy. A sandy loam suits Poppies best, and as their strong tap roots are difficult to transplant, the seed should be sown where the plants are to bloom.

**CARNATION-FLOWERED.** Large, ball-shaped, double flowers, with beautifully fringed petals. In a variety of shades, many striped. Pkt., 10c; oz., 30c.

**FLANDERS POPPY.** Vivid scarlet-red. This flower has in the minds of men been associated for over two hundred years with the battlefields of Flanders. Was the first official flower of the American Legion. Pkt., 10c; ½ oz., 45c; oz., 75c.

**SHIRLEY.** The flowers are immense, often 4 inches across, the petals are fluted and crinkled and in the sunlight appear like rumpled satin. 12 inches high. Mixed. Pkt., 10c; ½ oz., 30c; oz., 50c.

**PETUNIAS** For freedom of bloom, variety of color and effectiveness, these have no equal. Petunias will produce their handsome, sweet scented flowers in their delicate and gorgeous colors throughout the whole Summer.

**SINGLE BEDDING SPECIAL MIXTURE.** Large, single flowers, blotched and striped in all the Petunia colors. Fine for bedding. Blooms a few weeks after planting and continues to bloom profusely until frost. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**BLUE BIRD.** This Petunia is of compact habit and distinctive color, an unusual subject for either bedding, growing in window boxes or in pots for conservatory decoration. The color is an intense shade of violet-blue with a velvety sheen. Pkt., 25c.

**ROSY MORN.** Soft carmine-pink with white throat. Blooms profusely all Summer. Pkt., 10c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

**BALCONY PETUNIAS MIXED.** A splendid large and free-flowering type for window boxes, vases, hanging baskets, etc. Pkt., 10c; ¼ oz., \$1.25; ½ oz., \$2.25.

**DOUBLE GIANT, FRINGED, FINEST MIXED HYBRIDS.** An exceptionally fine strain, remarkable for the large, beautifully colored, double flowers. Pkt., 50c.

**GIANTS OF CALIFORNIA.** These immense single flowers are beautifully ruffled and fluted and in a wonderful variety of most attractive and beautiful colors. These are truly the most gorgeous of the Single Petunias of mammoth size and deep velvety coloring. Special Mixture, pkt., 50c.

**PORTULACA** H.A. Sometimes called Rose Moss. The glossy, cup-shaped, single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc. Plants low growing with thick, fleshy stems tinged with red and small, quill-shaped leaves. Desirable also for edgings. 6 inches.

**SINGLE MIXED.** Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**DOUBLE MIXED.** Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; ¾ oz., \$2.00.

**RICINUS** (Castor Oil Bean). H.A. Stately, strong growing plants, with very ornamental foliage. 6 to 8 feet. Mixed. Pkt., 10c; oz., 25c.

**SALPIGLOSSIS** (Painted Tongue). H.A. The blossoms are tube-shaped much like a Petunia, but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold. 2 feet. Mixed. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**SCHIZANTHUS** (Butterfly Flower). H.A. Well adapted for a border to beds of taller flowers, as well as for pot culture in the house. The plants are compact, of branchy growth, and covered with exquisite butterfly-like flowers in a wonderful range of color. 2 feet. Pkt., 10c; ½ oz., 45c; oz., 75c.

## SALVIA

(Flowering Sage). H.A.

Brilliantly colored garden flowers and extremely useful for bedding. Blooms are borne in long spikes well above the foliage and are

of fiery red and crimson, continuing in flower a long time.

**BONFIRE.** A splendid dwarf variety, very compact, with large, erect spikes of rich, scarlet flowers. 2 feet. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; ¾ oz., \$1.70; oz., \$2.85.

**HARBINGER.** The earliest flowering Salvia. A dwarf variety which will come into flower in early Summer. Spikes of dazzling bright scarlet flowers. 1 foot. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.70; ¾ oz., \$3.15; oz., \$5.25.

**SPLENDENS** (Scarlet Sage). Flaming flower spikes making a fine display from midseason until frost. 3 feet. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; ¾ oz., \$1.65; oz., \$2.75.

**SCABIOSA** (Pin Cushion Flower). H.A. An old-fashioned but most attractive flower. Its great abundance and long succession of richly colored, fragrant blossoms on long stems make it one of the most useful decorative plants of the garden. 2½ feet.

**SEPARATE COLORS.** Cherry-red, Rose, Lilac, Black and White. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00. Mixed, pkt., 10c; ½ oz., 45c; oz., 75c.

**LOVELINESS.** This new shade of Scabiosa is unsurpassed as a cut flower. It has long, stiff stems and a delightful fragrance, but its crowning beauty is its glorious salmon-rose color. Pkt., 25c.

**SILENE ARMERIA MIXED.** H.A. A very showy early-flowering plant, bearing in quantity, heads of beautiful white, pink and red flowers. Pkt., 10c; ½ oz., 20c; oz., 30c.

**STATICE** H.A. An easily grown annual which is very desirable for use in rock gardens or as a border plant. The flowers are borne in racemes on long, graceful stems and may be cut and dried like Everlastings.

**SINUATA MIXED.** A choice mixture in shades of blue, pink, yellow and white. 2 feet. Pkt., 10c; oz., 25c.

**STOCKS** H.A. The Stocks represent all the desirable qualities of a flower. The plants have good habit, fine, dull or glossy leaves. The flowers appear on long, stiff stalks like small rosettes, and are exceedingly fragrant.

**DWARF TEN WEEKS.** H.A. 12 inches. This early class forms dwarf compact plants branching moderately from the base. They produce fine large-flowered central spikes with side spikes less well developed. They are fine for edging or low beds. Mixed, pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**CUT-AND-COME-AGAIN OR DRESDEN PERPETUAL.** Splendid perpetual bloomers, and are especially valuable during September and October, when other flowers are scarce, bearing very double, fragrant flowers. Mixed. Pkt., 10c; ¼ oz., 80c; ½ doz., \$1.35; oz., \$2.25.

**EVENING SCENTED STOCK** (Matthiola). H.A. The old-fashioned annual has the purplish lilac flowers; it is well worth growing for the entrancing fragrance which it emits during the evening. 18 inches. Pkt., 10c; oz., 30c.

**SUNFLOWER** Plants of very stately growth with immense, gaudy flowers, fine for wild gardens, along fences or garden walls.

**DOUBLE CHRYSANTHEMUM-FLOWERED.** Rich golden yellow flowers, perfectly double. 7 feet. Pkt., 10c; ½ oz., 45c; oz., 75c.

**STELLA.** Flowers of the purest golden yellow, with black disc. 4 feet. Pkt., 10c; ½ oz., 45c; oz., 75c.

**RED SUNFLOWER.** Dark-centered brilliant flowers, banded with bright chestnut red, merging to yellow at the tips of the petals. 6 feet. Pkt., 10c; ½ oz., 45c; oz., 75c.

## Sweet Peas

Make Spring sowings just as soon as ground can be prepared. Drill in rows 5 inches deep; cover 2 inches deep. As vines grow, gradually fill trench with soil, and thin to 5 inches apart. For early flowers sow in beginning of November, in a dry situation, 6 or 8 inches deep, giving level culture. Water abundantly and keep roots well mulched with lawn clippings or Peat Moss.

### Early and Long Season Spencer

A new race of Sweet Peas, having the large waved flowers of the Spencer type, but flowering fully one month earlier, they also continue to flower for a much longer period. Excellent for outdoor culture and do equally well grown in the greenhouse.

### Five New Varieties For 1931

**EARLY APOLLO.** Soft salmon-pink self. A strong growing, extra long stemmed sort bearing fine bold flowers. Pkt., 25c.

**EARLY FANDANGO.** Brilliant rose. A magnificent, vigorous duplex or semi-double sort with large blossoms of extreme frilliness. Pkt., 25c.

**EARLY FORTY-NINER.** Glowing rich orange color. Very vigorous and long stemmed with bold elegantly frilled flowers. Pkt., 25c.

**EARLY SPARKLE.** Glistening vivid scarlet. A vigorous grower furnishing splendid flowers on stout stems. Fine sunproof color. Pkt., 25c.

**EARLY VOGUE.** Desirable bluish lavender. Vigorous in habit, of splendid form, delightfully fragrant and very floriferous. Pkt., 25c.

**EARLY BLUE BOY.** Largest and clearest blue.

**EARLY CHEVALIER.** Pure deep rose, very distinct.

**EARLY COLUMBIA.** Pink and white.

**EARLY GIANT ROSE.** Warm rose-pink.

**EARLY HARMONY.** Clear lavender.

**MRS. KERR.** Light orange. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**EARLY QUEEN CRIMSON.** Glistening ox-blood crimson.

**EARLY SILVER BLUE.** Light blue-lavender.

**EARLY SNOWSTORM IMP.** Immense pure white.

**EARLY SPRINGSONG.** Bright salmon-pink on cream. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**EARLY SUPERIOR PINK.** Rose-pink flushed salmon.

**EARLY VULCAN.** Fiery scarlet-red.

Separate colors, unless noted: Pkt., 10c; ½ oz., 35c; oz., 60c.

Superfine mixed, pkt., 10c; oz., 40c; 2 ozs., 75c; ¼ lb., \$1.25.

**THUNBERGIA SIGNATA PUMILA (Black-Eyed Susan).**

Beautiful, rapid growing annual climbers. Very pretty flowers in buff, white, orange, etc., with dark eyes. 4 feet. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**TAGETES** H.A. A dwarf, compact, bushy Marigold; fern-like leaves; flowers of bright golden yellow; first class border plant. 12 inches. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**URSINIA ANETHOIDES.** The plants form large tufts of leaves, from which spring up long wiry stems, bearing flowers of a rich orange-yellow, adorned by a beautiful ring of deep purple with spots of a darker shade. Fine as a cut flower. Pkt., 25c.

**VERBENAS** H.A. Large, fragrant clusters of blossoms, low growing, ideal for ground cover, window boxes and hanging baskets. 12 inches.

**MAMMOTH FLOWERING.** Mixed. ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**LEMON VERBENA, ALOYSIA CITRIODORA.** Lemon scented leaves. Pkt., 25c.

**VINCA** H.H.P. Splendid plants for bedding and edging; glossy, dark green foliage and pretty pink and white flowers. 2 feet. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**WALLFLOWER** H.H.B. Well known deliciously fragrant, half-hardy biennial, blooming early in the Spring, with spikes of beautiful flowers.

**SINGLE MIXED.** Pkt., 10c; ½ oz., 45c; oz., 75c.

**DOUBLE MIXED.** Pkt., 25c; ½ oz., \$2.00; ¼ oz., \$3.50.

**WILD or CALIFORNIA CUCUMBER** H.A.C. The fastest growing annual vine in existence; grows 20 feet in six weeks. Pretty foliage and inconspicuous white flowers. Pkt., 10c; ½ oz., 20c; oz., 35c.

**XERANTHEMUM ANNUUM (Everlasting).** H.A. An abundance of pretty bright rose, purple and white flowers. Showy and useful as dried flowers in Winter bouquets. 3 feet. Mixed. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

## Zinnias

**DAHLIA-FLOWERED.** H.A. In formation the broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other. The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. In general appearance the flowers compare with the Show Dahlias.

**Buttercup.** An immense, deep creamy yellow.

**Crimson Monarch.** Rich crimson.

**Dream.** A fine, deep lavender, turning to purple (mallow purple).

**Exquisite.** Color light rose with center a deep rose (Tyrian rose).

**Meteor.** A rich, glowing deep red (Spinel red) and the darkest of all the red shades.

**Oriole.** It is an immense orange and gold bicolor, changing slightly as it ages.

**Polar Bear.** A very large, pure white.

**Purple Prince.** Deep purple.

Separate Colors, all, pkt., 10c; ¼ oz., 80c; ½ oz., \$1.35; oz., \$2.25.

**Special Mixture.** A well blended mixture containing the above novelties. Mixed. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**PUMILA PICOTEE.** Delight Mixed. A new Zinnia of medium size with ruffled and curled petals that give it a light and dainty appearance. In addition each petal is picotéed with a lighter or darker color, making it a most striking flower. Our mixture contains salmon shades, cream, buff, biscuit, golden yellow, lavender. Pkt., 25c.

**GIANT PICOTEE.** Beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades resembling the Picotée Carnations. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**LILLIPUT.** Small, branching plants, with small, very double flowers in such profusion as to fairly envelop the plant. Mixed colors. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50.

**VICTORY MIXED.** Quilled type. The petals are partially tubular or quilled, giving the flower somewhat the appearance of a cactus dahlia. Salmon, old rose, deep rose, lilac, bronze and dark red tones. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**CALIFORNIA GIANTS.** A wonderfully fine strain of Zinnias that we consider the most satisfactory Zinnia grown. The flowers are uniformly of mammoth size and type and true to color. The flower is not as heavy as the dahlia-flowered, the petals being more loosely placed. The small centers and long, loose petals give the flowers a more graceful appearance.

**Cerise Queen.** Beautiful cerise-rose.

**Orange King.** A beautiful shade of orange, the same as the Orange King Calendula, and the mammoth flowers are borne in great profusion on tall stems.

**Purity.** A new mammoth-flowering white that is an especially good clear white, quite free from the greenish tint.

**Rose Queen.** A new pink Zinnia of immense size and fine form. The flower opens first as a bright rose with a deep rose-red center and then gradually develops into a warm, deep rose when in full bloom.

**Scarlet Gem.** Vivid scarlet flowers that are fairly dazzling in the sunlight. They are of fine form and texture.

**Miss Willmott.** An unusual shade of soft pink found only in this variety.

Separate Colors, all, pkt., 25c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**Special Variety Mixture.** Here is a wonderful mixture of our own, made up from different colors of Giant Zinnias including the varieties named above. This is a mixture that far surpasses the usual Mixed Zinnias, both in color and quality, and only good fresh seed is used. Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

## “Surprise” GARDEN MIXTURE

Our Surprise Garden of Annuals has created a place for itself. We buy for this mixture surplus stock seed from our growers besides named varieties and separate colors of many flowers which are attractive and easily grown but little known. Indeed, there are so many flowers produced from early until late in endless succession it is a continual surprise to the gardener.

We recommend it for children's plots, vacant lots and in rows in the vegetable garden with the suggestion—do not plant too thickly.

25c per Packet





Pink Radiance.



Luxembourg.



Gruss an Teplitz.



Soleil d'Or.

## Everblooming Hardy Hybrid Tea Roses

PRICES OF ALL ROSES, EXCEPT WHERE NOTED. 75c EACH; \$7.50 PER DOZEN.

### PINK SHADES

**BRIARCLIFF.** Buds long and pointed; flowers pure pink. **COLUMBIA.** Flowers large, fully double, bright lively pink, shading darker at maturity.

**PINK RADIANCE.** Brilliant rose-pink buds opening to well-formed flowers with lighter tints on reverse of petals.

**PREMIER.** Rich dark pink flowers of full form.

**WILLOWMERE.** Superb buds and blooms of richest pink, shining with a yellow glow which seems to come from the heart of the flower. A very strong grower and a persistent bloomer.

### RED SHADES

**ETOILE DE FRANCE.** Crimson flowers, with full centers of bright cerise; fragrant and long lasting.

**GENERAL MacARTHUR.** Rich crimson-scarlet; good bedder.

**GRUSS AN TEPLITZ.** In color it is richest scarlet, shading to a velvety crimson; continuous bloomer.

**J. J. L. MOCK.** Carmine buds of gigantic size, opening to enormous blooms of deep carmine-pink.

**JUBILEE.** Pure red, shading to crimson and maroon.

**SOUV. DE GEORGES PERNET.** Brick-red buds, opening to terra cotta-pink blooms of immense size.

### YELLOW SHADES AND WHITE

**BETTY.** Large flowers of a glowing coppery rose color, suffused with gold.

**SOLEIL D'OR.** Orange-gold and pink mingled in a double bloom. Very sweet-scented and vigorous grower.

**LUXEMBOURG.** A fine, double, rich golden yellow rose of vigorous branching habit.

**MME. EDOUARD HERRIOT.** Sparkling buds of coral-red and orange, opening to brilliant orange-red and salmon.

**MME. ALEXANDRE DREUX.** Intense yellow bud, opening deep yellow, splashed with orange.

**MISS LOLITA ARMOUR.** Burnished buds and creamy copper flowers of a reddish orange tinge.

**MME. JULES BOUCHE.** Superb white flowers, shaded light blush at center; fragrant. Plant exceptionally strong, healthy and very free flowering.

## Hardy Hybrid Perpetual Roses

**AMERICAN BEAUTY.** Dark pink, shaded smoky carmine. **FRAU KARL DRUSCHKI.** An immense, pure white, perfectly double Rose.

**GENERAL JACQUEMINOT.** Scarlet-crimson buds and clear red flowers.

**J. B. CLARK.** Very large, light red blooms, shaded blackish maroon, globular, double, slightly fragrant.

**PAUL NEYRON.** Dark lilac-rose, immense blooms; double, fragrant.

## Six New Roses for 1931

### ETOILE DE HOLLANDE

Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching, particularly free flowering and healthy. \$1.25 each.

### EUROPA

"New, bright, rose-pink, touch of salmon at the base with slight red suffusion accented on margin of petals which are inclined to be quilled." \$1.50 each.

### PRESIDENT HERBERT HOOVER

A charming many-colored Rose. Deep copper-red buds of fine form, opening to a lovely blending of orange-yellow, flame, vivid rose-pink, and scarlet. Buds of superb shape, flowers large, and fragrant. A dazzling color effect to delight the eye. \$2.00 each.

### REV. F. PAGE-ROBERTS

Copper-red buds of great length, opening to golden yellow blooms stained outside with red; fully double. \$1.00 each.

### TALISMAN

A combination of shadings of gold, apricot, yellow, deep pink and old rose. The bud is long, well formed and develops into full double flowers. \$1.50 each.

### VILLE DE PARIS

Round buds of clear yellow, big, globular flowers; foliage dark, small and very leathery. \$1.25 each.

## Hardy Climbing Roses

**AMERICAN BEAUTY.** Brilliant carmine flowers.

**DOROTHY PERKINS.** Clear cherry-pink.

**DR. W. VAN FLEET.** Long, pointed, deep pink buds opening a lighter shade of pink.

**EXCELSA.** A radiant, blood-red cluster Rose.

**LE REVE.** Golden yellow buds and bright yellow, semi-double flowers profusely produced early in the season. The plant is a moderately vigorous pillar with unusually good foliage.

**SILVER MOON.** Enormous flowers of purest white, showing the golden anthers on transparent petals. Flowers are almost single and appear mostly in small sprays or singly. Growth is extremely strong, 10 to 15 feet, with perfect foliage.

**PAUL'S SCARLET CLIMBER.** Vivid scarlet, shaded crimson.

**MARY WALLACE.** Large, very bright pink flowers.



Frau Karl Druschki.



Columbia.



Miss Lolita Armour.



General MacArthur.

# Field Grown Dahlia Roots

A Little Book of Modern DAHLIA Culture by W. N. Waite, \$1.50

**Culture.** Plant the tubers 5 inches deep and 3 feet apart, lay flat, don't stand them upright, cover an inch or so, and add covering after sprout appears. Tie them to a stout stake, and only permit two sprouts to grow. Remove all others, or you get too much plant and no flowers.

## Decorative Type

**BLACK JACK.** The color is so dark it might almost be black. The flowers are very large and full and held on very fine stems. The plants grow tall and robust. **\$1.00 each.**

**CHAS. STRATTON.** Pale gold, shaded and tipped with old rose. A strong grower. **75c each.**

**COLONEL CHAS. A. LINDBERGH.** A beautiful rose shade, overlaid and suffused with old ivory, shading off to pale gold at center. Reverse of petals light carmine-pink. Stems rigid and straight. **\$1.00 each.**

**JERSEY'S BEACON.** An immense flower of Chinese scarlet with paler reverse. Excellent stem, short bush; fine flower for exhibition. **75c each.**

**JERSEY'S BEAUTY.** True, pure pink decorative; the outer petals curling all the way back to the stem, giving it extra depth. Long, stiff stems hold the blooms perfectly erect. **75c each; \$7.50 per doz.**

**JUDGE MAREAN.** A pleasing shade of cream heavily suffused with pink. **50c each; \$5.00 per doz.**

**LE TOREADOR.** A very fine crimson that stands at the head of its class. A very free bloomer, with long, wiry stems and an excellent keeper. **50c each; \$5.00 per doz.**

**MYRA VALENTINE.** Large flowers of golden bronze on long, stiff stems. **75c ea.; \$7.50 per doz.**

**MRS. I. de VER WARNER.** Large, perfect flowers of a deep lavender-pink on stout stems. **40c each.**

**PAUL MICHAEL.** A pure old gold in color. Immense size on good stems. An early, free and continuous bloomer. **50c each.**

**PATRICK O'MARA.** The color is an unusually soft and pleasing shade of orange-buff slightly tinged salmon-red. **50c ea.; \$5.00 per doz.**

**PURITY.** A very clear white, good size. **25c ea.; \$2.50 per doz.**

**OREGON BEAUTY.** Large, long-stemmed light red. **35c ea.; \$3.50 per doz.**

**SAGAMORE.** Light saffron-yellow with glowing golden suffusion. A good free bloomer with flowers which are particularly prized for cutting. **75c each.**

**SANHICAN GEM.** A delightful shade of old rose, suffused with amber. At maturity it is a clear old rose with a sheen which glistens in the sunlight. **\$1.00 each.**

## Cactus and Hybrid Cactus Types

Cactus marked C. Hybrid Cactus marked H.

**ATTRACTION.** H. Lilac-rose; petals beautifully curled. **75c each.**

**COUNTESS OF LONSDALE.** C. Apricot shaded salmon-red. Early. **35c each.**

**DADDY BUTLER.** H. American Beauty rose shade or rosy carmine. The reverse of the petals, which are tightly rolled, is lighter, giving a variation of color. **75c each.**

**ESTHER R. HOLMES.** H. A most graceful flower of good size, on splendid stems; delicate and pleasing orchid-pink. **50c each.**

**GAY PAREE.** H. Golden bronze with a faint suffusion of nasturtium-red. **50c each.**

**MARGUERITE BOUCHON.** C. Soft rose with white tips and center; straight petals. Medium size but of perfect form and habit. **50c each.**

**BRIDE'S BOUQUET.** C. Pure snow-white flowers of fine form. Splendid for cutting. **50c each.**

**STANDARD BEARER.** C. Fiery scarlet, free bloomer. **25c each.**

## Double Dahlias

Double Dahlias, unnamed, in orange, pink, purple, red, white and yellow. **15c each.**

## Pompon Dahlias

**BRONZE BEAUTY.** Bronze shaded dark orange; very good. **25c each.**

**CATHARINE.** Canary-yellow. **25c each.**

**ROSEBUD.** Clear rose-pink. **25c each.**

**SNOWBIRD.** Pure white, compact form. **25c each.**

**TOMMY KEITH.** Cardinal red, tipped white. **25c each.**

**WINIFRED.** White tipped lavender. **25c each.**



Sagamore.

## New and Recent Introductions

**ALTAMONT.** (Decorative). Large, full flowers, with long slightly curved petals which give the flower an artistic form. Plants grow tall. Color rose, deepening to American Beauty rose at center. **\$1.50 each.**

**ELITE GLORY.** (Dec.). Brilliant, rich red without shadings. Very large and thick. Even the plant is larger and sturdier, although only medium height. Foliage is extra heavy dark green and insect proof. **\$1.50 each.**

**CITY OF TRENTON.** (Decorative). It is impossible to describe the sheen and luster or the brightness in color, a clear glowing orange or rosy apricot with rosy suffusion. The bush grows strong and robust about 6 ft. tall, producing flowers up to 12 in. across. **\$3.00 each.**

**FORT MONMOUTH.** (Hyb. Cac.). The predominating color of this Dahlia is a rich crimson-maroon with a hue of bluish, violet at tips of petals. The flowers are well formed, full centered, of true hybrid cactus type and immense size. Free bloomer and foliage is dark green. Flowers frequently 13 in. in diameter. **\$3.50 ea.**

**JANE COWL.** (Giant Decorative). Deep massive blooms of bronzy buff and old gold blending darker toward the perfect center. The petals are broad with just enough twist to add the refinement often lacking in large Dahlias. **\$2.00 each.**

**KATHLEEN NORRIS.** (Dec.). True rose-pink, later deepening to mallow pink but paler in the young central petals. Bloom of gigantic proportions, petals broad, overlapping with twisted ends, full, tight center. **\$6.00 ea.**

**KEMP'S VIOLET WONDER.** (Decorative). The best violet-colored Dahlia to date. The predominating color is a rich naphthalene-violet with underlying tone of royal purple, lightening to bluish violet at tips of petals with deeper lavender reverse. **\$3.75 each.**

**LA MEXICANA.** (Hyb. Cac.). Burnt orange toning to copper. Center of flower lighter in shade and tips of petals slightly tinged with gold. **\$2.00 each.**

**MARMION.** (Decorative). Color a pure golden yellow with bronze suffusion on reverse of petals and a deeper bronzy tone on the high full center with an outline of the same color around each petal, form of flowers is perfect, a good bloomer. **\$2.00 each.**

**MONMOUTH CHAMPION.** (Decorative). Brilliant flame color, the only Dahlia we know of in this particular shade. A large flower of good substance. **\$7.50 each.**

**QUEEN OF THE GARDEN BEAUTIFUL.** (Dec.). Huge, pale yellow flowers of an irregular, shaggy formation produced freely on a short bush. Long stems. **\$1.50 ea.**

**TREASURE ISLAND.** (Decorative). One of the brightest autumn shade Dahlias. Color bright apricot with old gold and rose suffusions and shadings. **\$5.00 each.**



## GLADIOLI

## New Varieties

**CATHARINE COLEMAN.** Rich coral La France pink; very large flowers well placed on tall, strong stem. 25c ea.; \$2.50 per doz.

**CHAS. DICKENS.** Purple-violet, tall gracious spikes. A very good grower and choice variety. 35c ea.; \$3.50 per doz.

**GOLDEN DREAM.** Pure golden yellow. Tall straight stems. Excellent for cutting. 25c ea.; \$2.50 per doz.

**MARMORA.** Lavender to lavender-gray with petunia-colored blotch; from 8 to 12 very large flowers open at once, well arranged on tall, strong stem. 75c each; \$7.50 per doz.

**MINUET.** Beautiful pure, clear lavender, good size, fine placement, heavy substance and strong, straight stems. 45c ea.; \$4.50 per doz.

**PFITZER'S TRIUMPH.** One of the largest and finest. Blooms have a diameter of at least 6 inches and are of a bright salmon-orange with small velvet-red blotches. A blue ribbon winner. 60c ea.; \$6.00 per doz.

**MR. W. H. PHIPPS.** La France pink, overlaid salmon-rose, lighter towards the center, lower petals faintly striped and speckled slightly with ruby. 20c ea.; \$2.00 per doz.; \$13.00 per 100.

**JOHN T. PIRIE.** Mahogany-brown with yellow bordered brown throat. The nearest to a brown Gladiolus in existence. 20c ea.; \$2.00 per doz.; \$13.00 per 100.

**PURPLE GLORY.** Deep velvety maroon-red with almost black blotches as if burned into the petals. Beautifully ruffled. 15c ea.; \$1.50 per doz.; \$11.00 per 100.

**TRUDEL GROTZ.** Glowing salmon-pink with small red blotch in throat, giving the whole a warm, striking appearance. 25c ea.; \$2.50 per doz.

Cut Flowers  
All Summer

Empress of India.

## Red Shades

**CRIMSON GLOW.** Glowing, velvety crimson, shaded deeper in the center. 6c ea.; 60c per doz.; \$4.00 per 100.

**DR. F. E. BENNETT.** Peach-red, overlaid with flame-scarlet, throat speckled ruby and creamy white. 14c ea.; \$1.35 per doz.; \$10.00 per 100.

**EMPRESS OF INDIA.** Rich, dark purplish maroon. One of the darkest colored Glads. 15c ea.; \$1.45 per doz.; \$11.00 per 100.

**MRS. FRANCIS KING.** Brilliant vermilion-scarlet. 8c ea.; 75c per doz.; \$5.00 per 100.

**VIRGINIA.** Flaming scarlet; massive flowers. 8c ea.; 75c per doz.; \$5.50 per 100.

**MR. G. W. MOULTON.** Rich American Beauty rose color, tall stately flowers. 12c ea.; \$1.15 per doz.; \$8.50 per 100.

## Pink Shades

**EVELYN KIRTLAND.** Vivid rose-pink shading to beautiful shell-pink in the center. Lower petals blotched red. 8c ea.; 75c per doz.; \$5.50 per 100.

**LOS ANGELES.** Shrimp-pink, tall, straight stems. This variety often comes with two flowers. 8c ea.; 75c per doz.; \$5.50 per 100.

**MARSHALL FOCH.** (Kunderd). Salmon-pink with small red blotches in throat. Giant flower slightly ruffled. 15c ea.; \$1.50 per doz.; \$11.00 per 100.

**MRS. FRANK PENDLETON.** Delicate flushed salmon-pink with rich maroon blotch on the three lower petals. 6c ea.; 60c per doz.; \$4.00 per 100.

**MRS. DR. NORTON.** Excellent silvery pink deepening towards edges, light creamy blotch on lower petals. 9c ea.; 90c per doz.; \$6.50 per 100.

**ROSE ASH.** Old rose overlaid and blended with pink, blue and red, giving the color of ashes of roses. 12c ea.; \$1.25 per doz.; \$9.00 per 100.

**MRS. LEON DOUGLAS.** Begonia-rose striped with flame-scarlet, lower petals pale lemon speckled ruby, tremendously large flowers. 9c ea.; 90c per doz.; \$6.50 per 100.

**ROSE PRECOSE.** Beautiful salmon-rose slightly ruffled, many well placed flowers open at the same time on tall straight stems. 15c ea.; \$1.50 per doz.; \$11.00 per 100.

## Yellow Shades

**MARNIA.** A beautiful orange slightly tinged pink; large flowers; four to six open at a time. Strong grower. 16c ea.; \$1.60 per doz.; \$12.00 per 100.

**ORANGE QUEEN.** Purest apricot-orange. 12c ea.; \$1.15 per doz.; \$9.50 per 100.

**SCHWABEN.** Clear canary-yellow, shading to soft sulphur. 8c ea.; 75c per doz.; \$5.50 per 100.

**GOLDEN MEASURE.** Fine orange-yellow, flowers large, well arranged on a tall, strong spike. 12c ea.; \$1.20 per doz.; \$9.00 per 100.

## White Varieties

**PEACE.** Very large, nearly white, with pale violet feathering on lower petals. 8c ea.; 75c per doz.; \$5.50 per 100.

**WHITE GIANT.** Tall, immense, pure white. Its shape resembles an Easter Lily. 16c ea.; \$1.60 per doz.; \$12.00 per 100.

## Blue Shades

**BYRON L. SMITH.** Delicate lavender, deepest at the edges of the petals and shading toward white in the center. Gives the impression of an orchid. 12c ea.; \$1.20 per doz.; \$9.00 per 100.

**CAPTAIN BOYNTON.** Beautiful lavender with deeper blotch on lower petals. 14c ea.; \$1.35 per doz.; \$10.00 per 100.

**HERADA.** Pure glistening mauve with deeper markings at throat. 8c ea.; 75c per doz.; \$5.00 per 100.

**GIANT-FLOWERED MIXED.** A mixture of the best Giant-flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. 6c ea.; 50c per doz.; \$3.50 per 100.

# Water Lilies

Interest in water gardens is growing rapidly, and there are sound reasons for it. As the principal feature of interest in the small garden, a pool answers admirably. It can be made to harmonize with either natural or formal styles, and fits well into most designs. It will furnish a home for goldfish, and other aquatic animal life, while the bog plants and water lilies which can be grown in it have both beauty and strangeness to attract all. Garden makers are learning how easy it is to grow water plants and how richly they reward them.

We have prepared a leaflet giving complete directions for the cultivation of hardy Water Lilies, Aquarium Plants and other Aquatics. Copies free on request.



Hardy Water Lilies.

**AURORA.** These flowers are creamy yellow on the first day; by the third day they have changed to a dark red. This gives a variety of color daily. \$2.00 each.

**GLADSTONIANA.** Flowers pure dazzling white; cup-shaped and very massive. \$2.00 each.

**HELEN FOWLER.** A continuous bloomer, sweet scented, deep pink with lighter pink centers. \$1.25 each.

**GLORIOSA.** A deep carmine-rose color becoming deep red with age. A continuous bloomer. 5 to 6 inches in diameter. \$5.00 each.

**JAMES BRYDON.** Rich rosy crimson, reverse of petals having a silvery sheen. \$3.00 each.

**MARLIAC ALBIDA.** White petals with yellow stamens, and very fragrant. A continuous bloomer. Sepals are tinted with pink. Leaves are deep green above, and red beneath. \$1.50 each.

**MARLIACEA CHROMATELLA.** Petals and stamens bright yellow, 4 to 6 inches across. A free and continuous bloomer. \$2.00 each.

**PINK OPAL.** Medium sized, fragrant flowers of a deep coral-pink, held well above the water, splendid for cutting and suitable for tub culture. \$2.00 each.

**ROSE AREY.** The bright cerise flowers of iridescent hue are very large, up to 8 inches in diameter, very sweetly scented with pointed petals, giving effect of darker shadings near the edges. Long, bright yellow stamens. \$3.00 each.

## Water Hyacinth

The petioles of the plant are inflated and serve as air chambers to keep the plant afloat. In shallow water the plants will take root and flower more freely than if floating. On a stem about one foot in height it bears a loose spike of flowers, pale lavender-blue. The bushy roots harbor spawn of goldfish. 25c each.

## Lotus

**LUTEUM.** A superb variety with yellow flowers; indigenous to the western and southern states. \$2.00 each.

**SPECIOSUM (Egyptian Lotus).** The best known variety and the easiest to grow, desirable for naturalizing in ponds where the magnificent foliage and flowers produce a splendid subtropical effect. Flowers deep rose color, creamy white at base of petals. \$2.00 each.



# Flower Seeds for Different Purposes and Situations

For Description and Prices, See General List

## Climbing Vines From Seeds

Balloon Vine  
Canary Bird Vine  
Cobaea  
Cypress Vine

Dolichos  
Gourds  
Humulus  
Ipomoea

Lathyrus  
Kudzu Vine  
Morning Glories

Nasturtium  
Sweet Peas  
Thunbergia  
Scarlet Runner

## Fragrant Flowers From Seeds

Alyssum  
Blue Lace Flower  
Carnations  
Dianthus (Hardy)

Heliotrope  
Lavender  
Matthiola  
Mignonette  
Mimulus moschatus

Nicotiana affinis  
Primula vulgaris  
Scabiosa  
Stock  
Sweet Peas

Sweet Rocket  
Sweet Sultan  
Sweet William  
Verbena, Lemon  
Violet  
Wallflower

## Plants Adapted for Edging Borders

Ageratum  
Alyssum  
Begonia  
Bellis

Candytuft  
Centaurea  
Lobelia  
Marigold

Myosotis  
Nasturtium  
Nemesia  
Nigella

Petunia  
Phlox, Dwarf  
Portulaca  
Pyrethrum

Sweet William  
Tagetes  
Viola  
Zinnia, Lilliput

## Plants for Bedding Purposes

Ageratum, Little  
Blue Star  
Alyssum, Little  
Gem  
Coleus  
Heliotrope  
Lobelia, Crystal  
Palace Compacta

Marigold, French  
Pansies  
Phlox Drummondii  
Salvia

Snapdragon, Half  
Dwarf  
Stocks  
Verbena

Zinnias  
Vinca delicata  
Violas

## For Dry Places

Golden African  
Daisy  
Verbena  
Portulaca  
California Poppy  
Four O'Clocks

## For Porch Boxes

Asparagus  
Candytuft  
Coleus  
Dracaena  
English Ivy  
Fern  
Geraniums  
German Ivy  
Lobelia  
Marigold, French  
Nasturtiums

Petunias  
Verbena  
Vinca Vine  
Zinnia, Pompon

## Everlasting Flowers for Winter Decorations

Acroclinium  
Globe Amaranth

Helichrysum  
Honesty, Lunaria

Cockscomb

Statice  
Xeranthemum

## Ornamental Foliage Plants From Seeds

Amaranthus  
Cineraria mari-  
tima

Centaurea candi-  
dissima

Centaurea gym-  
nocarpa

Coleus  
Euphorbia  
Kochia

Pyrethrum  
aureum  
Ricinus

## Plants From Seeds Succeeding in Partially Shaded Places

Anemone  
Antirrhinum  
Aquilegia  
Asters

Begonia, Tuberous  
Bellis  
Canterbury Bells  
Lobelia  
Clarkia

Cowslip  
Delphinium  
Digitalis  
Lobelia  
Hardy Primrose

Linum  
Matricaria  
Mimulus  
Myosotis  
Oenothera

Pansy  
Primula vulgaris  
Poppies, Hardy  
Schizanthus  
Violet

## Annual Flowers Suitable for Cutting

Agrostemma  
Antirrhinum  
Arctotis  
Asters  
Calendula  
Calliopsis  
Candytuft  
Carnation

Celosia plumosa  
Centaurea  
Chrysanthemums  
Clarkia  
Cosmos  
Dahlias  
Dianthus  
Didiscus

Dimorphotheca  
Eschscholtzia  
Gaillardia  
Godetia  
Gypsophila  
Gladiolus  
Larkspur

Lupinus  
Marigolds  
Mignonette  
Nigella  
Phlox  
Poppies  
Salpiglossis  
Scabiosa

Statice  
Stocks, Ten Week  
Sunflower  
Sweet Peas  
Sweet William  
Verbena  
Wallflower  
Zinnias

## Hardy Perennials Which Can Be Raised From Seeds

Achillea  
Aconitum  
Adonis  
Agrostemma  
Alyssum  
Anchusa  
Anemone  
Aquilegia  
Arabis  
Aster  
Aubrietia

Bellis  
Campanula  
Candytuft  
Centaurea  
Chrysanthemum  
Coreopsis  
Cowslip  
Delphinium  
Dianthus  
Digitalis  
Gaillardia

Geum  
Gypsophila  
Helenium  
Helianthus  
Heuchera  
Hibiscus  
Hollyhocks  
Lathyrus  
Linaria  
Linum  
Lobelia  
Lupinus

Lychnis  
Matricaria  
Pansies  
Pentstemon  
Phlox  
Physalis  
Platycodon  
Polemonium  
Poppies  
Primula  
Pyrethrum  
Rocket

Rudbeckia  
Salvia  
Scabiosa  
Statice  
Stokesia  
Sweet William  
Tritoma  
Valeriana  
Verbena  
Viola  
Violet  
Wallflower

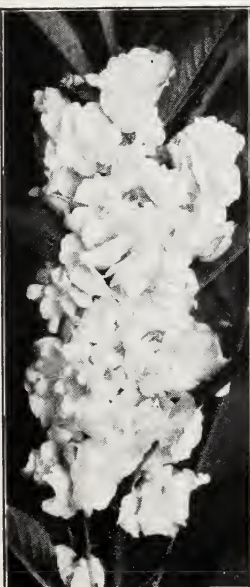
Description and Prices of Any of the Above Seeds Will be Found on Pages 12 to 29.



Anchusa.



Aquilegia.



Balsam.



## Lohrman's Hardy Rock Plants and Bedding Plants

### A Selection of Easily Grown Hardy Perennial Rock Plants

The following list of rock plants comprises only those of easy culture and which have been suggested by a veteran rock gardener as suitable for average use by the average rock garden enthusiast. Price of all varieties, 25c each; \$2.50 per doz.

**ACHILLEA, Sibirica.** A dwarf Achillea suitable for wall gardens and rockeries. Long silvery leaves.

**ALYSSUM, Saxatile compactum** (Dwarf Goldentuft). Masses of bright yellow flowers in May. 1 foot high.

**ARABIS** (Rock Cress). For sunny locations.

**Alpina** (Alpine Rock Cress). Dense spreading branchlets with terminals of pure white flowers about ½ inch across. Blooms in May. 10 inches high.

**AUBRIETIA.** For sunny locations.

**Deltoides** (Common Aubrietia). A dwarf spreading plant 6 to 8 inches high with masses of violet or purple flowers in the early spring.

**CAMPANULA Carpatica** (Carpathian Harebell). 10 inches high. Low compact growing foliage with erect stems of delicate blue flowers. July.

**CERASTIUM.** For sunny locations.

**Tomentosum** (Snow-in-Summer). A dwarf plant with bright silvery foliage. Pure white flowers borne in profusion on erect stems.

**CHEIRANTHUS** (Wallflower). For sunny locations.

**Allioni** (Siberian Wallflower). Brilliant orange flowers borne in profusion in the spring and summer. Sometimes biennial on account of exhaustion during the blooming period. 10 to 12 inches high.

**DIANTHUS, Deltoides** (Maiden Pink). Densely tufted, 6 to 10 inches high. Masses of small scarlet flowers in May.

**ERINUS** (Liver-Balsam). For semi-shady locations.

**Alpinus.** A valuable wall and rockery plant with rosy purple flowers arranged in pretty rosettes. 4 to 6 inches high. May and June.

**IBERIS** (Gibraltar Candytuft). Lilac-colored flowers on stems 10 to 12 inches high, completely covering the plant.

**LINUM, Perenne** (Perennial Flax). Pretty pale blue flowers on slender graceful stems.

**PAPAVER, Alpinum** (Poppy). Nodding, fragrant orange, yellow and white flowers. Suitable for rockeries and will succeed on a rather poor soil.

**PHLOX, Rosea** (Canadensis) (Moss Phlox). Dwarf pink, 6 inches high.

**PRIMULA, Veris** (Cowslip Primrose). Low growing clusters of foliage, ideal for rockeries or walls. Various colored flowers of lilac, purple, yellow, red, orange and white. 8 inches.

**SAPONARIA.** For sunny locations.

**Ocymoides** (Rock Soapwort). Pink. Low branching or half trailing plant 6 to 9 inches high. A good border and rock plant with pink flowers.

**SEDUM, Acre** (Golden Moss). A dwarf spreading plant with erect stems 2 to 3 inches high. Yellow flowers.

**Stoloniferum** (Running Sedum). Barren trailing shoots rooting at the nodes. Ascending flower stems with reddish leaves; pink or white flowers in flat cymes. 6 inches high. Well adapted to walls and banks.

**SEMPERVIVUM, Soboliferum** (Hen and Chickens). Short, closely crowded scalelike leaves, 60 to 80 making a rosette 1 to 1½ inches in diameter. Young rosettes attached to the parent plant by a slender thread, becoming easily detached and rolling about. Outer leaves tinted red-brown. Flowers pale yellow. One of the easiest to grow.

**VERONICA, Rupestris** (Rock Speedwell). A dwarf thickly foliated plant, 4 inches high with masses of bright blue flowers in June.

**VIOLA HYBRIDS, Jersey Gem.** A plant of compact, sturdy habit, blooming practically all summer. Flowers of a beautiful clear violet without shadings or markings. Long stems.

**VINCA** (Myrtle). For shady places.

**Minor.** A creeping or trailing evergreen ground cover plant. Useful for carpeting shady places under trees, shrubs, etc. Blue Myrtle flowers sparsely produced in June. Divisions or transplants.

## Summer Bedding Plants

Grown from our own seed in sterilized soil. For description, see Annual Flower seed pages.

Prices, except where noted, 50c per doz., \$3.00 per flat of 100 plants. Flats returnable at our store for 50c each.

Plants marked with star (\*) 80 to flat. Plants marked with a dagger (†) suitable for rock gardens.

\***AGERTUM, Little Star.** Dwarf, blue.

**ASTERS, Invincible.** Crimson, rose-pink, shell pink, white, lavender, purple, and mixed.

**California Sunshine.** Mixed. 75c per doz.; \$3.50 flat.

**Heart of France.** Deep crimson.

**ARCTOTIS, Grandis.**

**BACHELOR BUTTONS.** Double. Blue.

**CALENDULA, Ball's Orange.**

\***CARNATION.** Chabaud's mixed. 75c per doz.; \$3.50 flat.

**COCKSCOMB.** Mixed.

**COSMOS.** Single mixed.

**Double Crested.** Mixed. 75c per doz.; \$3.50 flat.

**CYNOGLOSSUM, Amabile Blue** (Chinese Forget-Me-Not).

**CHRYSANTHEMUM, Coronarium Double.**

**Single.** Mixed.

**FORGET-ME-NOT, Chinese.** Blue.

**GAILLARDIA, Picta.** Mixed.

**LARKSPUR, Stock-Flowered.** Mixed.

\***LOBELIA, Crystal Palace.** Dwarf blue.

**MARIGOLD, Tall African, Orange Ball.**

**Tall African, Lemon Ball.**

\***Legion of Honor.** Dwarf.

**Josephine.**

\***MIGNONETTE, Defiance.**

**NICOTIANA.** Mixed.

\***PETUNIAS, Single Bedding.** Mixed.

**Giants of California.** Mixed. 75c per doz.; \$3.50 flat.

**Rosy Morn.**

**Blue Bird.** 75c per doz.; \$3.50 flat.

**Pink Glory.**

\***PHLOX, Drummondii.** Mixed.

\***SALVIA, Splendens.** 75c per doz.; \$3.50 flat.

**STOCKS, Dwarf Ten Weeks.**

**SALPIGLOSSIS.** Mixed.

\***SNAPDRAGON.** Super Giants.

**Old Gold.** Golden yellow.

**Apple Blossom.** Soft pink.

**Copper King.** Copper-scarlet.

**Indian Summer.** Velvety copper.

**Wallflower.** Bronzy orange.

**Mixed.** 75c per doz.; \$3.50 flat.

\***Medium Height.** Large-flowered mixed.

**STRAWFLOWERS.** Mixed.

**SWEET SULTAN.** Mixed.

\***VERBENAS.** Mixed.

**ZINNIAS, Giant Dahlia-Flowered.**

**Meteor.** Deep red.

**Dream.** Lavender.

**Exquisite.** Rose-pink.

**Oriole.** Orange and gold, bicolor.

**Mixed.**

**Giants of California.** Mixed.

**Lilliput.** Mixed.

**Victory.** Quilled type mixed.

**VEGETABLE PLANTS.**

**EGGPLANT, Black Beauty.**

**CABBAGE, Copenhagen Market.** Early. 25c per doz.; \$2.00 flat.

**CAULIFLOWER, Early Snowball.**

**PEPPERS, Bull Nose.** Sweet.

**Cayenne.** Hot.

\***TOMATOES, Bonny Best.** Early red.

**Ponderosa or Beefsteak.** Midseason, pink.

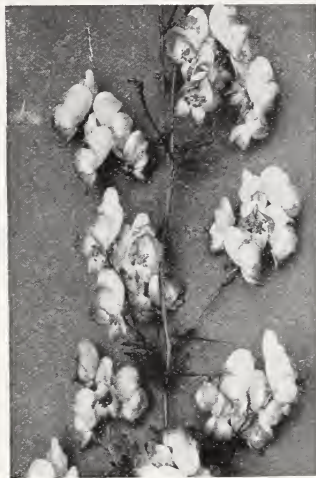


# Lohrman's Hardy Perennial Flowers

Hardy Perennial Plants are those whose roots will live over winter in the garden and send up new growth for flowering again the next year. Many of them, if left undisturbed, will do this several years in succession, while some others do not persist as long. Although several varieties can be grown only from root divisions, many of them can be raised from seed, some quite easily and some only with a great deal of care and difficulty. However, most varieties can be successfully grown from either seed or plants. For this reason you will find that, for some varieties, we offer only plants, and in others we offer both seed and plants.



Aquilegia.



Aconitum.



Achillea.

**ACHILLEA PTARMICA**, "THE PEARL." H.P. Large heads of pure white, double flowers, will bloom the first season if sown early. 18 inches. Pkt., 25c; ¼ oz., \$1.30; ½ oz., \$2.35. Plants, 25c each; \$2.50 per doz.

**MILLEFOLIUM ROSEUM**. Finely cut deep green foliage, flowers pink in dense heads. 18 inches. Pkt., 25c.

**ACONITUM** (Monkshood). H.P. Long spikes of curiously shaped blue flowers, for planting among shrubbery. 4 to 6 feet. Pkt., 25c; ¼ oz., 80c; ½ oz., \$1.35; oz., \$2.25. Plants, 25c each; \$2.50 per doz.

**AGROSTEMMA CORONARIA** (Mullein Pink). H.P. Beautiful crimson flowers shaped like a single pink and silvery white foliage. 12 inches. Pkt., 15c; ½ oz., 30c; oz., 50c. Plants, 25c each; \$2.50 per doz.

**ALYSSUM SAXATILE COMPACTUM**. H.P. Broad masses of bright yellow flowers in early Spring. Excellent for rockery or front of borders. 9 inches. Pkt., 15c; ¼ oz., 35c; ½ oz., 50c; oz., 85c. Plants, 25c each; \$2.50 per doz.

**ANEMONE CORONARIA** (Windflower). H.P. Among the earliest of Spring flowers. They are about two inches across, with blue stamens, resemble the single poppy in shape and come in several shades of color. 6 inches. Pkt., 15c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**ANCHUSA ITALICA**, DROPMORE VARIETY. H.P. The flowers are of a beautiful gentian-blue, produced in long, loose sprays. One of the few really blue flowers. 5 feet. Pkt., 15c; ¼ oz., 30c; ½ oz., 50c; oz., 85c. Plants, 25c each; \$2.50 per doz.

**AQUILEGIA** (Columbine). H.P. Flowers have broad petals and long spurs. Suitable for permanent beds, borders or edges of shrubbery.

## LONG SPURRED TYPES:

**MRS. SCOTT ELLIOTT'S STRAIN OF LONG-SPURRED HYBRIDS**. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a harmonious mass of coloring. 3 feet. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75. Plants, 25c each; \$2.50 per doz.

**CHRYSANTHA** (Golden Columbine). The beautiful, long-spurred golden yellow Columbine of the mountains of California. 2 feet. Pkt., 25c; ¼ oz., 45c; ½ oz., 85c; ¾ oz., \$1.50; oz., \$2.50.

**COERULEA**. Long-spurred flowers of light blue. 3 feet. Pkt., 25c; ¼ oz., \$1.40; ½ oz., \$2.35.

**ROSE QUEEN**. Soft rose, white center. 3 feet. Pkt., 25c; ¼ oz., \$1.55; ½ oz., \$2.60.

**ARABIS ALPINA**. H.P. The spreading tufts are covered with a sheet of single, pure white flowers. Very desirable for edging border or rockeries. 6 inches. Pkt., 15c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00. Plants, 25c each; \$2.50 per doz.

**HARDY ASTER** (Michaelmas Daisy). H.P. Large flowering, mixed, Fall-flowering varieties; rich shades of purples, lavenders, etc. 2½ feet. Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.65; ¾ oz., \$2.75. Plants, 25c each; \$2.50 per doz.

**AUBRIETIA** (Rock Cress or False Wall Cress). H.P. Dwarf, creeping plants for carpeting beds or rockeries, the flowers forming brilliant sheets of blue, crimson or rose for many weeks. Massed on rockeries or in borders with white Arabis and yellow Alyssum, it forms a charming contrast.

**LARGE-FLOWERING HYBRIDS**. Pkt., 25c; ¼ oz., \$1.65; ½ oz., \$2.75. Plants, 25c each; \$2.50 per doz.

**BELLIS PERENNIS** (Double English Daisy). H.P. Edging plants. Very dwarf; each plant producing a multitude of six-inch stems, each crowned by a compact, double, daisy-like flower. 6 inches.

**LONGFELLOW**. Double pink. Pkt., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.

**RED**. Pkt., 25c; ¼ oz., \$1.65; ½ oz., \$2.75.

**SNOWBALL**. Double white. Pkt., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.

**DOUBLE MIXED**. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$3.00.

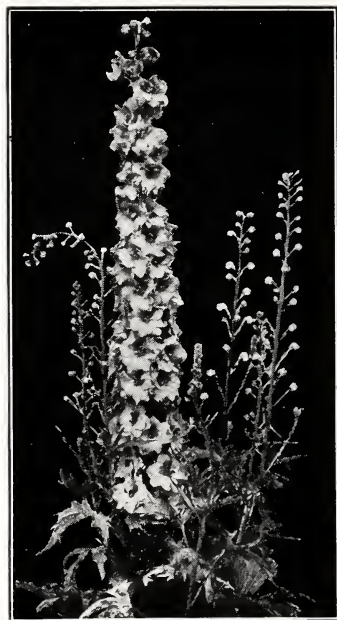




Campanula Medium.



Coreopsis.



Wrexham Delphinium.

**BUDDLEIA** (Butterfly Bush or Summer Lilac). The bush grows to a height of about four feet and produces an abundance of flower spikes, which are made up of myriads of miniature florets of a beautiful lilac shade. The flowers are very fragrant and attract butterflies in great numbers. Plants, 40c ea.; \$4.00 per doz.

**CAMPANULA MEDIUM** (Canterbury Bells). These imposing biennials are profusely covered with large, bell-shaped flowers; extremely showy in mixed borders. Height 3 feet.

**CALYCANTHEMA** (Cup and Saucer). Large, semi-double flowers, each resembling a cup and saucer. Pink, Blue, and White. Separate colors, pkt., 15c; ¼ oz., 85c; ½ oz., \$1.50; oz., \$2.50. Mixed, pkt., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75. Plants, 25c ea.; \$2.50 per doz.

**MEDIUM** (Single Canterbury Bells). Beautiful rich shades. Pink, Dark Blue, Light Blue, White and Mixed. Pkt., 15c; ½ oz., 30c; oz., 50c. Plants, 25c ea.; \$2.50 per doz. Double Mixed. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00. Plants, 25c ea.; \$2.50 per doz.

**CARPATICA** (Carpathian Harebell). H.P. A pretty species growing in compact tufts, not exceeding 8 inches high; flowers held erect on wiry stems. Mixed, pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00. Plants, 25c ea.; \$2.50 per doz.

**CANDYTUFT** (Iberis Sempervirens). A profuse, white-blooming hardy perennial, coming in flower early in the Spring. Much used for cemeteries, rockeries, etc. 1 foot. Pkt., 15c; ¼ oz., 60c; ½ oz., \$1.00; ¾ oz., \$1.75. Plants, 25c ea.; \$2.50 per doz.

**CENTAUREA** H.P. The flower heads are like showy, ragged thistle blooms. They grow 2 to 4 ft. tall and bloom during summer months.

**MONTANA BLUE.** Pkt., 15c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00. Plants, 25c ea.; \$2.50 per doz.

**RUTHENICA.** Sulphur yellow. 4 feet. Pkt., 15c; ¼ oz., \$1.15; ½ oz., \$2.00; oz., \$3.25. Plants, 25c ea.; \$2.50 per doz.

**CERASTIUM TOMENTOSUM** (Snow-in-Summer). H.P. A low, creeping plant with the upper surface of the leaves light in color and woolly; it bears a profusion of pretty white flowers. Blooms early. 6 inches. Pkt., 15c; ¼ oz., 50c; ½ oz., 90c; ¾ oz., \$1.50.

**CHEIRANTHUS ALLIONI** (Siberian Wallflower). H.H.P. A fine variety of hardy perennial Wall-flower having bright orange colored flowers, with dark green foliage; a splendid plant for rock gardens. 9 inches. Pkt., 15c; ¼ oz., 30c; ½ oz., 50c; oz., 80c.

**CHINESE LANTERN PLANT.** See Physalis, page 29.

**CISTUS** H.P. Abundant inch-wide flowers in loose racemes, varying in color from yellow and white to rose and purple. A delightful dwarf border and rockery subject. June and July. 12 inches. Pkt., 15c; ¼ oz., 80c; ½ oz., \$1.35; oz., \$2.25.

**HARDY CHRYSANTHEMUM** Fine hardy border plants, their large, daisy-like flowers being produced in great profusion. They are splendid for cut flower purposes, lasting well.

**EARLY FLOWERING SINGLE MIXED.** A new perennial variety, which can also be treated as an annual, blooming the first year from seed. The flowers are of many colors and shades. Pkt., 25c; ¼ oz., \$1.75.

**COREOPSIS "MAYFIELD GIANT."** H.P. Produces a taller and more vigorous plant than the type with longer and firmer stems and large individual blooms, of which the ray petals are broader and form a more perfect corolla. Color intense yellow. Pkt., 25c.

**LANCEOLATA GRANDIFLORA.** H.P. Large, showy, daisy-like flowers, bright yellow, produced in the greatest abundance from June till frost. 2 feet. Pkt., 15c; ½ oz., 30c; oz., 50c.

**LANCEOLATA GRANDIFLORA FL. PL. (Double-Flowering Coreopsis).** This is a new and semi-double form; the extra petalage adds charm to the flower. Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$2.00.

**DELPHINIUM** (Perennial Larkspur). H.P. The tall, stately flower spikes of the Delphinium rise to a height of 3 to 5 feet and supply the garden with a wealth of pale blue, azure-blue, gentian-blue, sapphire, and royal purple hues.

**WREXHAM'S IMPORTED HOLLYHOCK STRAIN.** New giant-flowered strain of superior quality. Flowers in blue, white and pink combinations, many of them bicolor, many of them 1½ to 2 inches in diameter. Named "Hollyhock" for the height and immense blooms characteristic to this variety. A fair proportion are double and the coloring is superb. Pkt., 25c.

**BLACKMORE & LANGDON'S GIANTS.** (English). A superior imported strain and contains a mixture of exceptionally choice flowers ranging in color from light blues through mauves and lavenders to deepest ultramarine. 5 ft. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00. Plants, 25c ea.; \$2.50 per doz.

**BELLADONNA IMPROVED, Cliveden Beauty.** Larger and taller than Belladonna. Clear turquoise-blue, white center. Pkt., 25c; ¼ oz., \$1.45; ½ oz., \$2.40; oz., \$4.00. Plants, 25c ea.; \$2.50 per doz.

**Mrs. E. Stillwell.** Pale blue with silver sheen. Pkt., 50c. Zallii, Sulphur yellow. 3 feet. June and July. Pkt., 50c.

**BELLAMOSA.** Beautiful spikes of rich blue flowers. Pkt., 25c; ¼ oz., \$1.15; ½ oz., \$2.00; ¾ oz., \$3.25; oz., \$5.50.





Gaillardia Hybrids.



Geum, Mrs. Bradshaw.



Chater's Superb Hollyhocks.

**DIANTHUS OR PINKS** H.P. The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. 1 foot.

**PLUMARIUS (Pheasant's Eye).** Single fringed flowers. Pkt., 15c; ½ oz., 45c; oz., 75c.

**PLUMARIUS (Double Grass Pink).** Pkt., 15c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50. Plants, 25c ea.; \$2.50 per doz.

**ALLWOODI.** A splendid strain, being half Carnation and half Pink. Seventy-five per cent of flowers come double. In varied colors. Pkt., 25c.

**DOUBLE WHITE SWEET SCENTED.** H.P. (Old English). Large, pure white. In bloom from June to October. 1 foot. Pkt., 50c.

**DIELYTRA (Bleeding Heart).** A hardy perennial with heart-shaped, rose colored flowers in drooping spikes in April or May. They prefer the shaded nooks in the border. Plants, 75c ea.; \$7.50 per doz.

**DIGITALIS (Foxglove).** H.B. Bears long spikes of beautifully colored flowers.

**THE SHIRLEY, MIXED.** (New). This is a fine vari-colored strain, producing flower spikes 4 to 6 feet in height. Pkt., 15c; ¼ oz., 60c; ½ oz., 95c; oz., \$1.60. Plants, 25c ea.; \$2.50 per doz.

**FEVERFEW.** See Matricaria.

**GAILLARDIA (Blanket Flower).** H.P. Richly colored, daisy-like flowers ranging from clear yellow to glowing scarlet-red. 2 feet.

**GRANDIFLORA.** Choice mixed. Pkt., 15c; ½ oz., 45c; oz., 75c.

**PORTOLA HYBRIDS.** 2½ to 3 ft. The stems are strong and stiff. The flowers are nearly 4 inches in diameter, the petals being very broad and overlapping, of great substance; in color a brilliant scarlet with coppery hue which is intensified by the golden yellow with which each petal is heavily tipped. Pkt., 15c; ¼ oz., 50c; ½ oz., 80c; ¾ oz., \$1.35; oz., \$2.25. Plants, 25c ea.; \$2.50 per doz.

**GEUM** H.P. Brilliant double flowers growing 18 inches tall, blooming throughout the Summer.

**MRS. BRADSHAW.** Crimson-scarlet. Pkt., 15c; ¼ oz., 70c; ½ oz., \$1.15. Plants, 25c ea.; \$2.50 per doz.

**Gypsophila (Baby's Breath).** H.P. Light, graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers. 3 feet.

**PANICULATA.** A very hardy perennial; small, single, white flowers. Pkt., 15c; ½ oz., 45c; oz., 75c.

**PANICULATA FL. PL.** Dainty, double, white flowers, which, when cut and dried, are useful for table decoration in winter. Pkt., 50c. Plants, 25c ea.; \$2.50 per doz.

**HELENIUM** H.P. Handsome plants, allied to the sunflowers, forming dense masses of bloom in late Summer or Autumn. 3 to 5 feet.

**RIVERTON GEM.** (New). Old gold, suffused with bright terra cotta, changing to wallflower-red. August to October. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25.

**HEUCHERA (Corabells).** H.P. Slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting.

**SANGUINEA.** 12 to 18 inches. June to September. Flowers bright crimson. Pkt., 25c; 1/16 oz., \$1.80; ¼ oz., \$3.00; ½ oz., \$5.00.

**HEMEROCALLIS (Yellow Day Lily).** H.P. Belonging to the Lily family. 2½ ft. Plants, 25c ea.; \$2.50 per doz.

**HIBISCUS (Rose Mallow).** H.P. Noble, shrublike plants, with handsome green foliage, bearing throughout Summer large bright flowers, from 3 to 5 inches in diameter. August-September. 3 to 5 feet. Pkt., 15c; ¼ oz., 60c; ½ oz., \$1.00. Plants, 25c ea.; \$2.50 per doz.

**HOLLYHOCKS** H.P. Stately, majestic, hardy plants, from 6 to 8 feet high.

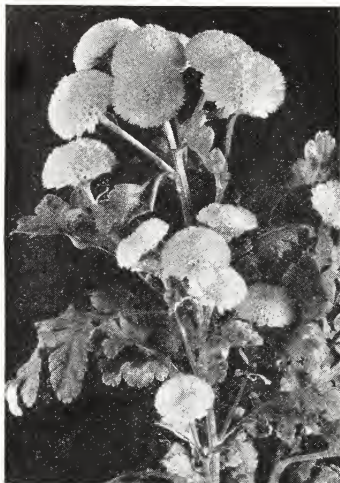
**CHATER'S SUPERB.** Double pink, maroon, lilac, salmon, scarlet, yellow. Separate colors, pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25. Plants, 25c ea.; \$2.50 per doz. Mixed, pkt., 15c; ¼ oz., 35c; ½ oz., 60c; ¾ oz., \$1.00; oz., \$1.75.

**SINGLE.** Mixed. Pkt., 15c; ½ oz., 30c; oz., 50c.



Hemerocallis.





Matricaria.



Iceland Poppies.



Primula Veris.

**KUDZU VINE** Foliage is large, and covers well; it bears small racemes of rosy purple, pea-shaped blossoms. 10 feet first season. Pkt., 15c; ½ oz., 35c; oz., 60c.

**LATHYRUS** (Everlasting or Hardy Sweet Pea). H.P. Hardy climbers, growing 6 to 8 feet high when trained on a trellis. The flowers are borne in large clusters. White, red, pink and mixed. Pkt., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75. Plants, 25c ea.; \$2.50 per doz.

**LAVANDULA VERA** (Lavender). H.P. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. Pkt., 15c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00. Plants, 25c ea.; \$2.50 per doz.

**LIATRIS** PYCNOSTACHYA (Blazing Star or Gay Feather). Throws up long, narrow spikes of rich purple flowers, which last a long time. A peculiarity of this plant is its great attraction for butterflies. 3 to 4 feet. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25. Plants, 25c ea.; \$2.50 per doz.

**LINARIA** Macedonica Speciosa. H.P. The flowers of this new perennial resemble large golden yellow snapdragons, borne on stems averaging 3 feet. Silvery medium-sized leaves, fine rock garden plant. Pkt., 25c.

**LINUM** PERENNE BLUE (Flax). H.P. May-August. Has dainty sky-blue flowers on graceful, arching stems. 2 feet. Pkt., 15c; ½ oz., 45c; oz., 75c.

**LOBELIA** (Indian Paintbrush). H.P.

**CARDINALIS** (Cardinal Flower). Rich, fiery cardinal flowers. Strong plants, often producing 10 to 18 spikes, 24 to 30 inches long. Pkt., 25c.

**LUNARIA** BIENNIS (Honesty). H.B. Flowers of purple, crimson or white are followed by silvery, transparent seed pods. Prized for Winter bouquets. 2 feet. Mixed colors. Pkt., 25c.

**LUPINUS** POLYPHYLLUS. H.P. Long spikes of beautiful pea-shaped flowers on stems 3 feet long. Blue, white, rose and carmine. Mixed, pkt., 15c; ½ oz., 30c; oz., 50c. Plants, 25c ea.; \$2.50 per doz.

**LYCHNIS** CHALCEDONICA. H.P. Sometimes called Maltese Cross. Flowers beautiful scarlet; fine for massing. 18 inches. Pkt., 15c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50. Plants, 25c ea.; \$2.50 per doz.

**MATRICARIA** (Feverfew). H.H.P. Marguerite-like foliage with clusters of double, pompon flowers from June to October. 12 inches.

**DOUBLE WHITE.** Pkt., 15c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00. Plants, 25c ea.; \$2.50 per doz.

**GOLDEN BALL.** Double yellow, compact; capital for bedding. 10 inches. Pkt., 25c; ¼ oz., 90c; ½ oz., \$1.40. Mixed, pkt., 25c.

**MECONOPSIS** BAILEYI. H.P. Glorious sky-blue Poppy with bright yellow centers. 2 to 3 feet. Pkt., 25c.

**MERTENSIA VIRGINICA** (Blue Bells). H.P. Pretty tubular flowers in drooping racemes during May and June, at first a warm blue gradually discoloring to pink. 18 inches. Plants, 25c ea.; \$2.50 per doz.

**MYOSOTIS.** See page 16.

**MONARDA** (Bergamot or Bee Balm). H.P. Bearing large heads of flowers surrounded by colored bracts, and fragrant foliage.

**DIDYMA, CAMBRIDGE SCARLET.** Brilliant crimson-scarlet. 2 to 3 feet. Plants, 25c ea.; \$2.50 per doz.

**OENOTHERA MISSOURIENSIS** (Evening Primrose). H.P. Neat plants with large, saucer-shaped flowers, white or golden yellow; open at dusk; emit a delightful perfume. 12 inches. Mixed. Pkt., 25c; ¼ oz., \$1.50.

**HARDY PERENNIAL PHLOX** DECUSSATA. H.P. Immense panicles of large and bright colored flowers. The plants are perfectly hardy, growing and flowering with increasing luxuriance year after year. 3 feet. Mixed. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.35. Plants, 25c ea.; \$2.50 per doz., separate colors.

**PLATYCODON** (Japanese Bellflower). Beautiful, large, blue, bell-shaped flowers like the Campanulas. 2 feet. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25. Plants, 25c ea.; \$2.50 per doz.

**POLEMONIUM** COERULEUM GRANDIFLORA (Jacob's Ladder). H.P. Deeply cut foliage and clusters of handsome blue flowers. 2 feet. Pkt., 15c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

**POPPIES** ORIENTAL. H.P. Tremendous cup-shaped blooms of brightest colors with large, purplish black blotches at base of petals.

**Oriente.** Brightest orange-scarlet shades. Pkt., 15c; ¼ oz., 50c; ½ oz., 60c; ¾ oz., \$1.00. Plants, 25c ea.; \$2.50 per doz.

**Oriental Hybrids Mixed.** Pkt., 15c; ¼ oz., 50c; ½ oz., 85c; ¾ oz., \$1.50; oz., \$2.50.

**Mrs. Perry.** Orange-apricot. Pkt., 25c.

**Princess Victoria Louise.** Delicate salmon-pink. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25; ¾ oz., \$2.75.

**ICELAND.** H.P. Green, fernlike foliage throughout the season; a profusion of charming, cup-shaped flowers.

**SUNBEAMS.** This is the result of a cross between the Shirley and Nudicaule types. The flowers are charming shades of orange, salmon, maize and other tints. Pkt., 15c; ¼ oz., 50c; ½ oz., 80c; ¾ oz., \$1.35.

**PRIMULA VERIS HYBRIDS MIXED** (Hardy Primrose). H.P. A beautiful hardy Spring flowering perennial; flowers of different colors, such as yellow, brown edged yellow, etc. Very fragrant. 6 inches. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25. Plants, 25c ea.; \$2.50 per doz.

**VULGARIS** (English Primrose). H.P. One of the earliest Spring flowers; of bright canary-yellow; very fragrant. 6 to 8 inches. Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$2.00.

**PINKS.** See Dianthus, page 27.





Pyrethrum.



Sweet William.



Scabiosa.

**PENTSTEMON BARBATUS TORREYI.** H.P. Spikes of bright colored flowers from June till August. 2 feet. Pkt., 15c; 1/2 oz., \$1.25; 1/4 oz., \$2.00. Plants, 25c ea.; \$2.50 per doz.

**PHYSALIS FRANCHETI** (Chinese Lantern Plant). H.P. Bright orange-scarlet, lantern-like fruits, which, when cut, will last all winter. 3 feet. Pkt., 15c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.65. Plants, 25c ea.; \$2.50 per doz.

**PYRETHRUM** H.H.P. The cosmos-like flowers range in color from the palest pinks to deep red, the bright yellow centers forming a splendid contrast. 18 in.

**ROSEUM HYBRIDS.** Single mixed. Pkt., 15c; 1/4 oz., 35c; 1/2 oz., 60c; 1/2 oz., \$1.00; oz., \$1.80. Plants, 25c ea.

**ROSEUM DOUBLE HYBRIDS MIXED.** Saved from the finest named varieties; splendid for cut flowers. 2 feet. Pkt., 25c.

**RUDBECKIA NEWMANNI.** H.P. "Black-Eyed Susan." Deep orange-yellow flowers, with a dark purple cone; long, wiry stems. 3 feet. Pkt., 15c; 1/4 oz., 50c; 1/2 oz., 85c; 1/2 oz., \$1.50.

**PURPUREA** (Giant Purple Coneflower). Peculiar reddish purple flowers, with brown, cone-shaped center. 3 feet. Pkt., 15c; 1/4 oz., 60c; 1/2 oz., \$1.00.

**REGALE LILY SEED.** The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine. Blooms out-of-doors early in July, and seedling bulbs will flower the second year. For bulbs, see bulb pages. Pkt., 25c.

**RANUNCULUS ASIATICUS** (Palestine Strain). Originating in Palestine these Ranunculus range in colors of reds, yellows and orange, many are marked with green. This mixture includes single, semi-double and double flowers. Pkt., 25c.

**SALVIA AZUREA** (Meadow Sage). H.P. A Rocky Mountain species, of sky-blue flowers blooming during August and September. 3 to 4 feet. Pkt., 25c; 1/16 oz., \$1.50. Plants, 25c ea.; \$2.50 per doz.

**FARINACEA.** H.H.P. An exceptional variety bearing long spikes of lavender-blue flowers well above the foliage. Fine for bedding and excellent for bouquets. 4 to 5 feet. Pkt., 25c; 1/4 oz., 90c; 1/2 oz., \$1.50.

**SCABIOSA** (Pincushion Flower). Perennials resemble the annuals except that the perennials have shorter florets at the center.

**NEW GIANT HYBRIDS.** (Isaac House Strain). The plant is very vigorous, stem long and stout, the flower edges are ruffled and fringed and range in color from a very light lavender to a dark blue. Pkt., 25c.

**SHASTA DAISY** H.P. Flowers of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems. 1 1/2 to 2 feet.

**ALASKA.** Pkt., 15c; 1/4 oz., 80c; 1/2 oz., \$1.35; oz., \$2.25. Plants, 25c ea.; \$2.50 per doz.

**THE PRINCE.** Enormous white daisies, 5 inches across. Nice for cutting. Pkt., 25c.

**STATICE LATIFOLIA** (Great Sea Lavender). H.P. A valuable plant either for the border or rockery, with tufts of leathery leaves and immense candelabra-like heads, frequently 1 1/2 feet high and 2 feet across, of purplish blue, minute flowers. Pkt., 15c; 1/4 oz., 50c; 1/2 oz., 90c; 1/2 oz., \$1.50; oz., \$2.50. Plants, 25c each; \$2.50 per doz.

**SWEET WILLIAM** (Dianthus barbatus). H.B. Great richness and variety of coloring; beautifully marked. Numerous, broad, compact trusses of single flowers like Phlox. 18 inches.

**PINK BEAUTY.** (Sometimes called Newport Pink). A splendid shade of salmon with immense flower trusses. Single.

**SCARLET BEAUTY.** A very effective, rich, deep scarlet variety. Single.

**Separate Colors.** Pkt., 15c; 1/4 oz., 35c; 1/2 oz., 60c; 1/2 oz., \$1.00.

**Double Mixed.** Pkt., 15c; 1/4 oz., 45c; 1/2 oz., 75c; oz., \$1.25. Plants, 25c ea.; \$2.50 per doz.

**Single Mixed.** Pkt., 15c; 1/2 oz., 20c; oz., 35c.

**STOKESIA CYANEA** (Cornflower Aster). H.P. Blue or lavender, cornflower-like bloom, blossoming continuously from July till late frosts. 18 inches. Mixed. Pkt., 15c; 1/4 oz., 50c; 1/2 oz., 90c; 1/2 oz., \$1.50; oz., \$2.50.

**SWEET ROCKET** H.P. Fragrant white, lilac and purple flowers in showy spikes. Desirable for wild garden, shrubbery or mixed border. 2 to 3 feet. Pkt., 15c; 1/4 oz., 35c; 1/2 oz., 60c; oz., \$1.00. Plants, 25c ea.; \$2.50 per doz.

**TRITOMA** (Red Hot Poker). H.H.P. Very handsome and showy border plants. Flowers borne in compact form, having the appearance at a distance of orange and red colored spear heads. Require protection during Winter, unless in a very sheltered position. 3 to 4 feet. Pkt., 15c; 1/4 oz., 50c; 1/2 oz., \$1.15; 1/2 oz., \$1.95. Plants, 40c ea.; \$4.00 per doz.

**VALERIANA RUBRA.** H.P. Showy, hardy border plants; producing large corymbs of red flowers; fine for bouquets. 2 feet. Pkt., 15c; 1/2 oz., 85c; oz., \$1.40. Plants, 25c ea.; \$2.50 per doz.

**VIOLA ODORATA** (Sweet Scented Violet). H.H.P. The well known hardy, sweet scented, single flowering Violet, thriving best in a semi-shaded situation. 6 inches. Pkt., 15c; 1/4 oz., 60c; 1/2 oz., \$1.00; 1/2 oz., \$1.80.

**CORNUTA** (Pansy Violets, Tufted or Bedding). H.H.P. This improved strain produces beautiful pansy-like blossoms, about one inch across. The colors include white, lemon, orange, lavender, purple, blue, etc. 6 inches. Pkt., 15c; 1/4 oz., 35c; 1/2 oz., 60c; 1/2 oz., \$1.00; oz., \$1.80.

**ORANGE GEM.** Apricot tinged orange. Pkt., 25c.

**JERSEY GEM.** Short, bushy growth blooming throughout the Summer, having flowers of rich, pure violet, large and fragrant. Long stems make it a good cut flower. Pkt., 50c; 1/16 oz., \$1.50. Plants, 25c ea.; \$2.50 per doz.

**YUCCA FILAMENTOSA** (Adam's Needle). H.P. The foliage is of an evergreen nature, is slender and pointed. The tall flower spikes rise 4 to 5 feet above the plant and are decked with cream-white, bell-shaped, drooping flowers. Plants, 25c ea.; \$2.50 per doz.



## Peonies

**PLANTING.** Avoid planting too deeply, as this is often the cause of shy blooming; 2 to 3 inches of soil over the crown (eyes) being sufficient. The Peony roots we have to offer this season have been growing one year in the field since being divided; therefore, they have an abundance of fibrous roots.

**BARONESS SCHROEDER.** Rose type; flesh pink, tinting to milk white; very large, globular flower; tall stem; fragrant; good keeper. Late midseason. 1-yr.-old clumps, \$1.25 each.

**COURONNE D'OR.** Semi-rose type; pure white, reflecting golden stamens; extra good stem and flower, the best late, white cut flower. Late. 1-yr.-old clumps, 60c each.

**FELIX CROUSSE.** Rose type; brilliant ruby-red; one of the best and most popular kinds for cutting purposes. Late midseason. 1-yr.-old clumps, \$1.00 each.

**FESTIVA MAXIMA.** Rose type; the finest pure white in existence; extra for cutting purpose. Early. 1-yr.-old clumps, 50c each.

**KARL ROSENFELD.** Semi-rose type, brilliant deep crimson; large, very full flower on long, stiff stem; extra for cutting purposes. Early. 1-yr.-old clumps, \$1.00 each.

**L'ECLATANTE.** Bomb type; brilliant velvety crimson; full, very double flowers on extra tall, strong stems. Midseason. 1-yr.-old clumps, 75c each.

**MADAME EMILE GALLE.** Rose type; delicate shell-pink with touches of heliotrope and lavender; large, double, cup-shaped imbricated flowers; extra fine and very free blooming. Late midseason. 1-yr.-old clumps, 75c each.

**MADAME GEISSLER.** Rose type; glossy pink, shading to bright rose at the base of the petals; very large, double, imbricated flowers on strong, erect stems; a real giant. Midseason. 1-yr.-old clumps, \$1.00 each.

**MARECHAL VAILLANT.** Rose type; light red, shaded mauve; full, globular flower, probably the largest red Peony grown. Midseason. 1-yr.-old clumps, 75c each.

**MONSIEUR JULES ELIE.** Bomb type; glossy pink, shading into deeper rose at the base, overlaid with a sheen of silvery lilac-rose; large, globular flowers on long, strong stems; good cut flower and excellent keeper. Early. 1-yr.-old clumps, \$1.25 each.

**PIERRE DUCHARTRE.** Rose type; even shade of lilac-pink; large, compact, globular flowers; fragrant. Late. 1-yr.-old clumps, 75c each.

**PRESIDENT TAFT** (Syn., Reine Hortense). Rose type; soft flesh-pink, deepening to shell-pink, with crimson splashes; enormous, compact, flat flowers, well formed and



Hardy Peonies.

of striking appearance; fragrant. Midseason. 1-yr.-old clumps, \$1.25 each.

**SARAH BERNHARDT.** Semi-rose type; apple blossom-pink, silver tipped; flowers of remarkable size and grandeur and perfect form; strong, long stems; the strongest growing Peony of all. Late midseason. 1-yr.-old clumps, \$1.25 each.

**THERESE.** Rose type; satiny pink, changing to lilac-white in the center, with a glossy reflex; enormous, compact flowers on long, strong stems; considered by many the best pink Peony yet produced. Midseason. 1-yr.-old clumps, \$3.00 each.

## Miscellaneous Spring Bulbs



Montbretia.

**AMARYLLIS, Giant Hybrids.** A wonderful strain of new Giant-flowered Amaryllis, of free-flowering habit. The large flowers are composed of broad well rounded overlapping petals and range in color from crimson to orange-scarlet, light rose to white and embrace the richest self-colorings. 4 to 5 inches. \$1.00 each.

**ANEMONE, De Caen.** Marvelous poppy-like flowers in the wonderful color combinations only to be found in this variety. Blues with white bases; pink with blue bases; cream and apricot shades in endless profusion. \$1.00 per doz.; \$7.50 per 100.

**BEGONIAS.** Begonias may be planted in groups of individual colors or mixed. The colors blend well and they bring to the shady corner of the garden a flash of a color of unbelievable beauty. They bloom continuously from midsummer until frost. They are of the easiest culture and entirely free from pests. Highly recommended for planting in semi-shade. Single Pink, Red, Yellow, Orange. 25c ea.; \$2.50 per doz. Double Pink, Red, Yellow, Orange. 25c ea.; \$2.50 per doz.

**CANNAS.** May 1st we offer the following two varieties in 4-inch pots at current prices.

**King Humbert.** Bronze leaf, orange-scarlet flowers.

**President.** Green leaf, bright crimson flowers.

**ISMENE Calathina** (Peruvian Daffodil). Flowers pure white, borne three or four on a stem; very fragrant. 20c ea.; \$2.00 per doz.

**CALADIUM or ELEPHANT'S EAR.** An effective foliage plant for beds or borders. 25c ea.; \$2.50 per doz.

**CINNAMON VINE.** Splendid climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. 10c ea.; \$1.00 per doz.

**HYACINTHUS candicans** (Summer Hyacinth). A white, Summer-flowering Hyacinth with 20 to 30 bell-shaped flowers. 15c ea.; \$1.50 per doz.

**MADEIRA VINE.** The flowers are white and very fragrant, and the foliage is a beautiful glossy green. 10c ea.; \$1.00 per doz.

**MONTBRETIA.** Flowers like miniature gladiolus, except that the flowers and foliage are much smaller and the stems more slender. 2 feet. Various shades of orange, red and yellow. 15c ea.; \$1.50 per doz.

**TUBEROSE, Double Dwarf Pearl.** Beautiful flower spikes borne on long stems; very fragrant. White. 10c ea.; \$1.00 per doz.

**TIGRIDIA or SHELL FLOWER.** A very showy plant with large, quaintly shaped blooms in shades of yellow, red, violet, and purple. 20c ea.; \$2.00 per doz.

**ZEPHYRANTHES** (Fair Lily or Zephyr Lily). Pure, lily-like flowers measuring 2 inches across.

**White.** 8c ea.; 80c per doz.

**Rose.** 20c each; \$2.00 per doz.





Silver Lace Vine.



Hydrangea paniculata grandiflora.

## Hardy Ornamental Shrubs

Prices of All Shrubs Except Where Noted: 75c each; \$7.50 per doz.

**ALTHEA** Double flowers in August and September. Double Rose, and Red. \$1.00 ea.; \$10.00 per doz.

**BARBERRY THUNBERGI**. Blossoms small, yellow, followed by berries that turn bright red in Autumn. Leaves small and changing to coppery red in Fall. Ideal for hedges. 30c ea.; \$3.00 per doz.

**BUTTERFLY BUSH** (Summer Lilac). A most desirable and beautiful bush of vigorous growth, producing beautiful lilac colored flowers all Summer. Should be cut back to the ground each spring. 50c ea.; \$5.00 per doz.

**DOGWOOD** (Cornus). **FLORIDA RUBRA**. Grows from 20 to 25 feet high. Flowers before leaves appear, 3½ inches in diameter, a beautiful red or pink. Very ornamental. Balled in burlap. \$3.50 each.

**FLOWERING ALMOND** Covered in May with double blossoms, like small roses, before the leaves appear. Ultimate height 5 to 6 feet. Red. \$1.00 each; \$10.00 per doz.

**FLOWERING CRAB** BECHTEL'S DOUBLE-FLOWERING. One of the most beautiful of the flowering Crabs. Tree of medium size, covered in early Spring with large, beautiful, fragrant flowers of a delicate pink color; very popular for lawns, as it blooms when quite young. 10 to 15 feet. Balled in burlap. \$2.00 each.

**FORSYTHIA FORTUNEI**. Strong, erect habit; bright golden yellow flowers in early Spring.

**HONEYSUCKLE, BUSH** Handsome flowers and showy fruit. Pink.

**HYDRANGEA P. G.** Immense creamy white heads of bloom, changing to pink and bronze with age.

**P.G., TREE FORM**. Same as bush, but grown on single stem. \$1.50 ea.

**LILAC COMMON SORTS**. Purple, Red and White.

**PHILADELPHUS CORONARIUS** (Mock Orange). A well known shrub with pure white, very fragrant flowers; one of the first to bloom. Height about 8 ft.

**GOLDEN-LEAVED SYRINGA**. Golden yellow foliage; keeps its color the entire season; is splendid for grouping with other varieties. \$1.00 ea.; \$10.00 per doz.

**SPIREA ANTHONY WATERER**. A fine dwarf Spirea with dark crimson flowers.

**VAN HOUTTEI**. Foliage rich green, changing to beautiful tints in the Fall; in blooming season the bush is a perfect mass of pure white flowers. Height 6 feet.

**SWEET SCENTED SHRUB** Double purple flowers, very fragrant, and the wood is also fragrant; blooms in June. Height 5 feet.

**SNOWBALL JAPAN**. Large balls of snowy white flowers in June. Handsome foliage.

**WEIGELA EVA RATHKE**. Flowers a brilliant crimson. Height 5 feet. \$1.00 ea.; \$10.00 per doz.

**ROSEA**. Fine rose colored flowers appearing in June.

## Hedge Plants

**AMOR RIVER PRIVET** A very hardy, northern grown type, vigorously upright and tall growing. The leaves are dark green, somewhat lustrous. Makes a strong, bold hedge. 18 to 24 in., 20c each; \$2.00 per doz.; \$15.00 per 100.

**CALIFORNIA PRIVET** Quick growing, straight, densely clothed shoots; the foliage in precise arrangement, a dark shiny green. 2 to 3 ft., 15c ea.; \$1.50 per doz.; \$10.00 per 100.

**BARBERRY THUNBERGI**. Leaves small and changing to coppery red in Fall, and covered with bright red berries. 30c ea.; \$3.00 per doz.

**PANICULATA**. Small, star-shaped flowers completely covering vine. Fragrant. 50c ea.; \$5.00 per doz.

## Honeysuckle

**HALLIANA** (Hall's Japan Honeysuckle). White flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all Winter. 50c ea.; \$5.00 per doz.

**SCARLET TRUMPET HONEYSUCKLE**. It is a strong, rapid grower and produces scarlet, inodorous flowers. 50c ea.; \$5.00 per doz.

## Silver Lace Vine

**POLYGONUM AUBERTI**. The plant is of strong, vigorous growth, attaining the height of 25 feet or more, and producing through the Summer and Fall great foamy sprays of white flowers. Strong plants. 75c ea.; \$7.50 per doz.

## Wisteria

Woody vines with tightly clinging habit, for pergolas, arbors, trellises, etc., especially ornamental in early Summer when they are resplendent with their large, drooping clusters of fragrant blossoms. Lavender. 75c ea.; \$7.50 per doz.

## Hardy Climbing Vines

### Aristolochia

**SIPHO** (Dutchman's Pipe). A native species of climbing habit and rapid growth. Foliage light green; flowers pipe-shaped, yellowish brown. 75c ea.; \$7.50 per doz.

### Ampelopsis

**BOSTON IVY**. Foliage changes to crimson-scarlet in the Fall; very valuable for covering brick or stone structures, rockeries and walls. 50c ea.; \$5.00 per doz.

### Bittersweet - Waxwork

Light green foliage and yellow flowers during June, followed in the Autumn by bright orange fruit which usually remains on the plant throughout the Winter. Strong plants, 60c ea.; \$6.00 per doz.

### Clematis - Virgin's Bower

A beautiful class of hardy climbers, many of the varieties have flowers 5 to 6 inches in diameter. They are very valuable for training around and over pillars, verandas, fences, rock work, etc.

**HENRYI**. Flowers creamy white and very large. A free bloomer. \$1.00 ea.; \$10.00 per doz.

**JACKMANI**. Immense flowers of an intense violet-purple color; bloom continually all Summer. Perhaps the best known Clematis. \$1.00 ea.; \$10.00 per doz.

# Lawn and Garden Accessories

We carry a complete line of Tools such as rakes, hoes shovels, forks, etc.

## Labels

POT AND GARDEN. Wood, painted.		100	1000
4 in. ....	.....	\$0.35	\$ 2.50
5 in. ....	.....	.45	3.00
6 in. ....	.....	.55	3.50
8 in. ....	.....	1.25	9.00
10 in. ....	.....	1.65	10.00
12 in. ....	.....	1.75	12.50
COPPER WIRED TREE LABELS		.50	3.25

## Flower Pots

FLOWER POTS. Standard, Azaleas, Bulb Pans.		Each	Doz.	100	1000
2 in. ....	.....	\$0.03	\$0.18	\$ 1.00	\$ 9.50
2½ in. ....	.....	.03	.18	1.35	12.75
3 in. ....	.....	.04	.25	1.75	16.60
4 in. ....	.....	.05	.35	2.75	25.50
5 in. ....	.....	.07	.65	4.85	46.00
6 in. ....	.....	.10	1.00	7.30	68.85
7 in. ....	.....	.15	1.65	12.00	115.00
8 in. ....	.....	.25	2.35	17.50	
9 in. ....	.....	.35	3.75	27.00	
10 in. ....	.....	.45	4.85	36.50	
12 in. ....	.....	1.00	10.00	75.00	

## FLOWER POT SAUCERS.

Size	Each	Doz.	100
4 in. ....	\$0.04	\$0.30	\$ 2.25
5 in. ....	.05	.40	2.75
6 in. ....	.06	.60	4.25
7 in. ....	.07	.75	5.50
8 in. ....	.10	1.00	7.50
9 in. ....	.15	1.40	10.25
10 in. ....	.16	1.75	12.25
12 in. ....	.25	2.50	18.50

## NEPONSET WATERPROOF PAPER FLOWER POTS.

	Doz.	100	1000
2½ in. ....	\$0.15	\$0.85	\$ 6.00
3 in. ....	.20	1.15	7.50
4 in. ....	.30	2.00	12.00
5 in. ....	.35	2.50	18.00
6 in. ....	.50	3.00	22.50

**FLATS.** Redwood. No. 1, inside dimensions, 20 x 14 in.—2¼ in. deep. 50c each; \$5.50 per doz.; 25 or more at 40c each.

**HOTBED SASH AND FRAME.** Complete, junior size. Sash size, 34 x 38½ in. \$11.00 each.

**SASH.** Standard. Size, 3 x 6 ft. Glazed and painted. \$7.00.

**HOTKAPS.** See page 3.

**MULCH PAPER.** See page 33.

## Lawn Mowers

GREAT AMERICAN.		
15-in. cut	.....	\$17.50
17-in. cut	.....	19.50
19-in. cut	.....	22.50

## SUPER GREAT AMERICAN.

15 in. ....	.....	\$19.50
17 in. ....	.....	22.50
19 in. ....	.....	25.00

**PENNSYLVANIA SINGLE WHEEL LAWN EDGER.** \$12.00.

**GRASS EDGING KNIFE.** Planet Jr. Wheel type, \$2.25.

## Planet Jr. Garden Tools

NO. 4D. Hill and Drill Seeder only	.....	\$14.25
NO. 300. Drill Seeder only	.....	20.00
NO. 13. Single and Double Wheel Hoe	.....	5.75
NO. 18. Single Wheel Hoe	.....	8.00
NO. 4. Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow	.....	18.00
NO. 25. Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow	.....	21.50
NO. 220. Fertilizer Distributor	.....	27.00

## Plant Stakes

Stake your plants for larger blooms.

ADJUSTO PLANT SUPPORTS.		Each	Doz.	100
3 ft. ....	.....	\$0.25	\$2.75	\$20.00
4 ft. ....	.....	.30	3.00	22.00
5 ft. ....	.....	.35	3.25	24.00

## ADJUSTO PLANT SUPPORTS—Continued.

### HEAVY—ONE INCH SQUARE.

	Each	Doz.	100
3 ft. ....	\$0.15	\$1.50	\$10.00
4 ft. ....	.17	1.75	13.00
5 ft. ....	.19	2.00	15.00
6 ft. ....	.24	2.75	20.00

### ROUND WOOD—GREEN.

	Each	Doz.	100
3 ft. ....	\$0.12	\$1.25	\$ 7.50
4 ft. ....	.15	1.50	11.00
5 ft. ....	.20	2.25	16.00

### BAMBOO—PAINTED GREEN.

	Doz.	100	1000
2 ft. ....	\$0.20	\$1.15	\$6.50
3 ft. ....	.25	1.85	9.75
4 ft. ....	.35	2.25	12.75
6 ft. ....	.50	3.00	20.60

**PLANT STAKES.** Heavy Tonkin. Heavy weight bamboo, entire stake same weight; do not taper. Ideal for roses, dahlias, young trees, etc. Will last a lifetime.

Natural Color		Each	Doz.	100
4 ft., ½ to ¾ in. diam.	.....	\$0.08	\$0.75	\$4.00
6 ft., ¾ to 1 in. diam.	.....	.12	1.25	7.50
8 ft., ¾ to 1 in. diam.	.....	.14	1.35	8.75
Green Color				
4 ft., ½ to ¾ in. diam.	.....	.09	.85	5.00
6 ft., ¾ to 1 in. diam.	.....	.14	1.50	9.50

**ADAMS' PEONY AND TOMATO SUPPORTS.** Of strong galvanized wire.

	Each	Doz.
14 in. ....	\$0.30	\$3.00
18 in. ....	.40	4.00

**RAFFIA.** A sort of grass much used for tying plants, also in making baskets. Natural color. 50c per lb.

### ROLLERS, LAWN. With Plain Bearings.

No.	Diam.	Length	Section	Wgt. Empty	Wgt. Filled with Water	Price
No. 2	14 in.	24 in.	1	68 lbs.	175 lbs.	\$12.50
No. 4	18 in.	24 in.	1	82 lbs.	265 lbs.	15.00

### With Roller Bearings.

No.	Diam.	Length	Section	Wgt. Empty	Wgt. Filled with Water	Price
No. 7	24 in.	24 in.	1	110 lbs.	420 lbs.	\$26.00
No. 9	24 in.	32 in.	1	130 lbs.	565 lbs.	22.00

**SHEARS.** We carry a complete assortment of Hand Pruning, Border, Lopping and Hedge Shears; also Pole Tree Pruners.

### PLANT TUBS. Green painted cedar. Welded hoops.

No.	Inside Diameter	Length	Each
No. 2	10 in.	11 in.	\$1.25
No. 3	12 in.	13 in.	1.75
No. 4	14 in.	15 in.	2.25
No. 5	16 in.	17 in.	2.75
No. 6	18 in.	19 in.	3.50
No. 7	20 in.	20 in.	4.00

**WEED PULLER, Marvel.** While standing upright you can lift out weed by roots, hold it, deposit it in basket, without stooping, with Marvel Weed Puller. \$4.00.

### WATERING CANS.

Size	Wotherspoon	French Oval
4 quarts	\$4.75	
6 quarts	5.25	5.85
8 quarts	6.00	6.25
10 quarts	6.25	6.65
12 quarts	6.50	7.25

Real Low Pattern. 4 quarts. \$4.25.

Above cans are galvanized. Light cans have one rose; heavy cans two. Extra roses for heavy cans. 75c each.

**WHEELBARROWS, GARDEN.** Lohrman's Greenhouse Type Designed for narrow aisles. \$10.00 each.

### RUBBER HOSE, PIONEER.

Reliance. Black, ¾ in., 50-ft. lengths coupled @ 11c	.....	\$ 5.50
Wearso. Black, ¾ in., 50-ft. lengths coupled @ 12c	.....	6.00
Wearso. Black, ¾ in., 50-ft. lengths coupled @ 13c	.....	6.50

## Lawn Sprinklers

**RAIN KING.** Standard size. Range from 40 to 45 feet. \$3.50 each.

**RAINING SPRINKLER.** Size A. Mounted on roller. Range from 6 to 35 feet. \$7.50 each.





## GATOR-HIDE MULCH PAPER

The growth and yield of the mulched eggplants on the left were greatly increased as compared with the unmulched on the right.

The use of Mulch Paper not only keeps the weeds from growing but also keeps the moisture in the ground and holds the soil at a more uniform temperature, not so hot in the day time and cooler at night.

Plants grown with Mulch Paper are usually stronger, yield more and are not so much effected by dry weather as those grown without it.

**FOR MELONS AND CUCUMBERS.** It is always difficult to keep weeds out of melons and cucumbers, but by covering with Mulch Paper before planting the seed, weeds can be kept out without any trouble. Simply place the paper over the rows or hills, and cut a hole where the seed is to be planted. The few weeds that will come up through this hole can be easily removed. The Mulch Paper also stimulates the growth of vines, making them more vigorous and productive.

A grade, medium weight, in rolls 18 inches wide, 300 yards long, per roll .....	\$3.50
B grade, heavy weight, in rolls 18 inches wide, 150 yards long, per roll .....	3.50
A grade, medium weight, in rolls 36 inches wide, 300 yards long, per roll .....	7.00
B grade, heavy weight, in rolls 36 inches wide, 150 yards long, per roll .....	7.00
B grade, Home and Garden Size Roll, 18 inches wide, 15 yards long, per roll .....	1.00

## For Increased Yield and Improved Quality

## SEMPESAN DU PONT Makes Seeds Healthy

Seed, plant and soil diseases rob you of from 10% to 90% of the fruits of your land and labor—and NEEDLESSLY. You can change this loss into a gain by stopping disease before it gets a start through disinfecting your seeds, seed pieces and soil with Du Pont Semesan. More efficient than many older disinfectants with none of their serious faults.

Semesan is the only organic mercury disinfectant which can be applied in either the liquid or convenient dust form. It prevents or controls a most diversified variety of diseases borne by seeds, seed pieces, bulbs, plants and grafts, as well as many of those which infest the soil.

Harmless to seed and plant life but deadly to disease organisms. It generally hastens germination, produces sturdier plants and increases both the quantity and quality of crop yields.

Semesan treatments cost only from  $\frac{1}{4}$ c to 1c per pound of seed. Easily and quickly applied. Recommended by agricultural colleges, county agents and large growers in every section of the country.

### SEND FOR CROP BOOKLETS

The crop booklets sent upon request are replete with the latest information on seed, plant, and soil diseases. They are profusely illustrated and contain complete instructions for applying Semesan disinfectants.

### CONTROLS DAMPING-OFF

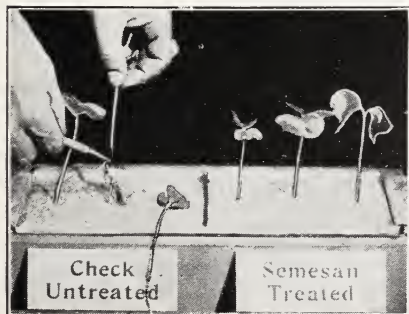
and many seed-borne diseases of grains, field crops, vegetables, forage crops, flowers and ornamentals. Use Semesan Jr. for corn, and New Improved Semesan Bel for potatoes.

**SEMPESAN.** For vegetables and flowers. One ounce treats 15 to 30 lbs. of seeds. 2 ozs., 50c; lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$56.25.

**SEMPESAN BEL.** A dip disinfectant for seed potatoes. Mix 1 pound to each  $7\frac{1}{2}$  gallons of water. One pound treats 70 to 80 bushels. 4 ozs., 50c; lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

**SEMPESAN JR.** For corn. Use 2 ounces for 1 bushel seed corn. 4 ozs., 50c; lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

**CERESAN.** For grains. Use 2 ounces per bushel of seed wheat and rye; 3 ounces for oats and barley. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.





### Acme All Round Spray

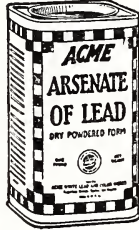
Flowers, vines, shrubs, roses, vegetables, need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers: Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is afforded by complete directions in form of spraying guide attached to every package.  $\frac{1}{4}$  lb., 45c; lb., 95c.

**ANTROL.** Most effective for the control of all honey-dew loving ants. (Not mailable). Prices, Antrol sets containing 4 containers and 1 4-oz. bottle of syrup, 95c. Extra containers, 15c each. Antrol syrup, 4-oz. bottle, 45c; pt., 95c; gal., \$3.75.

### Acme Arsenate of Lead (Lead-A-Nate)

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.  $\frac{1}{2}$  lb., 25c; lb., 45c; 4 lbs., \$1.00; 8 lbs., \$1.90; 24 lbs., \$5.50; 48 lbs., \$10.00; 100 lbs., \$18.50.



**ACME BAIT-M.** For use against snails, slugs, cutworms, earwigs, sow bugs, grasshoppers and many other insects which migrate along the ground. Lb., 50c; 3 lbs., \$1.00; 15 lbs., \$3.00.

**BORDEAUX MIXTURE, DRY.** For blight, mildew, rust, etc. Used for dry dusting or wet spraying. Dilute one pound to about 6 gallons of water or use 12 tablespoons to one gallon of water. Lb., 40c; 4 lbs., \$1.00; 24 lbs., \$5.25; 48 lbs., \$9.50; 100 lbs., \$16.50.

### Spray

## "Black Leaf 40"

40% NICOTINE

For plant lice, thrips, aphids and red spider. Indispensable for roses and sweet peas. One ounce will make six gallons of spray material. Oz., 35c;  $\frac{1}{2}$  lb., \$1.25; 2 lbs., \$3.75; 10 lbs., \$11.85.

**CYANOGLAS** (Calcium Cyanide, Grade A). For the destruction of ants, ground moles, woodchucks, rats and other rodents.  $\frac{1}{2}$  lb., 45c; lb., 75c; 5 lbs., \$3.00. (Not mailable).

**CYANOGLAS** (Calcium Cyanide, Grade G). Greenhouse fumigant, gives complete control over white fly, aphids, soft scale and thrips. Easily applied, not injurious when used according to direction. Dosage:  $\frac{1}{4}$  ounce to 1000 cubic feet. 5 lbs., \$3.00; 25 lbs., \$10.00. (Not mailable).

### Ever Green—See page 35

**FISH OIL SOAP.** Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

**FLOWERS OF SULPHUR.** For mildew on plants. Lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.75.

### Fungtrogen—See page 35

**GRAFTING WAX.**  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c.



### Dry Lime-Sulphur

For dormant spray, 14 pounds to 50 gallons of water; for summer spray, 3 pounds to 50 gallons of water. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$8.00; 100 lbs., \$15.00.

**LIME-SULPHUR SOLUTION.** The standard remedy for San Jose and oyster shell scale. Use one part to nine parts of water while trees are dormant. As a summer spray use one part to thirty-five parts of water. Qt., 50c; 2 qts., 75c; gal., \$1.15; 5 gals., \$4.00; 30 gals., \$12.00; 50 gals., \$15.00.

**MAG-O-TITE.** 2 lbs., 40c; 4 lbs., 65c; 8 lbs., \$1.10; 25 lbs., \$3.00.

**MELROSINE.** Definite death for rose beetles. One pint to 2  $\frac{1}{2}$  gallons of spray. (Not mailable). Trial size, 50c; pt., \$1.00; qt., \$1.75;  $\frac{1}{2}$  gal., \$3.25; gal., \$6.00.

**MOLOGEN.** For destroying and driving away moles. 8 ozs., 50c; 5 lbs., \$4.00.

**NICO-FUME TOBACCO PAPER.** 24 sheets, \$1.25; 144 sheets, \$5.00; 288 sheets, \$9.50.

**NICO-FUME POWDER.** 1-lb. tin, \$1.00; 5 lbs., \$4.00; 10 lbs., \$7.50.

**NICO-FUME LIQUID.**  $\frac{1}{4}$  lb., 75c; lb., \$2.00; 4 lbs., \$6.75; 8 lbs., \$12.50.

**PARADICHLOROBENZINE.** For peach tree borer. Directions on container. Lb., 75c.

**PARIS GREEN.** Kills bugs, worms and slugs. Solution, one-half tablespoonful to one gallon water; one pound to 200 gallons of water. (Not mailable).  $\frac{1}{4}$  lb., 25c; lb., 50c; 5 lbs., \$2.00; 14 lbs., \$4.75.



### Pomo-Green

A new green fungicide dust which harmonizes with color of foliage. For use on roses, phlox, and other plants as preventive of mildew, black spot, and other fungous diseases. Lb., 50c; 5 lbs., \$2.00.

**SEMESAN.** Seed disinfectant. Controls damping off. 2 ozs., 50c; lb., \$2.75; 5 lbs., \$13.00.

**SEMESAN BEL.** Potato disinfectant. 4 ozs., 50c; lb., \$1.75; 5 lbs., \$8.00.

**SEMESAN JR.** A dust disinfectant for seed corn. 4 ozs., 50c; lb., \$1.75; 5 lbs., \$8.00.

**SLUG SHOT.** For chewing insects. Non-poisonous. (Mailable). Lb., 25c; 5 lbs., 60c; 25 lbs., \$2.75.



### Scalecide

For San Jose scale. Non-poisonous petroleum preparation. Mix one gallon to 16 gallons of cold water. Use in late fall, winter or early spring, when foliage is off. Qt., 70c; gal., \$1.60; 5 gals., \$6.00; 15-gal. drum, \$13.50; (drum \$2.00, returnable at same price, f. o. b. factory); 50-gal. drum, \$34.00; (drum \$3.00, returnable at same price, f. o. b. factory).

**SULFOCIDE.** An efficient summer spray for the control of scab and black rot on fruit trees. Dilute one gallon to 200 gallons of water. Pt., 70c; 1-qt. can, \$1.00; 1-gal. can, \$2.75; 5-gal. can, \$8.75.

**SUNOCO SPRAY OIL.** Control of scale insects, red spider, aphids, thrips, etc.; cheap, pleasant to handle. Gal., \$1.50; 5 gals., \$5.75; 15 lbs., \$12.00; 30 gals., \$20.00; 50 gals., \$26.00.

**TOBACCO DUST, FINE.** Bulk, lb., 15c; 5 lbs., 60c; 25 lbs., \$2.00; 100 lbs., \$5.50.

**TREE TANGLEFOOT.** Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$9.75.

**TREE SURGERY GUM.** For cementing wounds in trees. Lb., 35c; 5 lbs., \$1.50.

**VOLCK.** Effectually controls scale, mealy bug, white fly, red spider, aphids, thrips, etc. One gallon makes from 32 to 100 gallons of spray solution.  $\frac{1}{2}$  pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

**WEED KILLER, HAMMOND'S.** Walks, drives and tennis courts. One quart to ten gallons of water. Qt., 60c; gal., \$1.75.

### Weed Killer—See page 36

**WILSON'S O. K. SPRAY.** Scale, sucking insects, for inside and outside use.  $\frac{1}{2}$  pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

### Gardener's Dust

**NIAGARA D-18 DUST** positively prevents blight on your crops; 100 per cent effective against chewing insects such as potato bugs, cabbage and tomato worms. Use early in the morning when the dew is on leaves. 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.75; 50 lbs., \$8.25; 100 lbs., \$12.50.

**NIAGARA P-A NICOTINE DUST** (4% actual Nicotine). Destroys lice or aphids on cabbage, cauliflower, kale and all other vegetables by its fumes. This dust will kill both the cucumber beetle and the squash stink bug. 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$21.00.



# Acme All Round Spray

SWEEPS YOUR GARDEN CLEAN

One shot of All Round Spray gives triple service in protection of your flowers, shrubs, vines, vegetables and trees. Three leading remedies known by horticultural experts are combined in this one tightly sealed package to make it the final answer in spraying by the amateur gardener. A spraying guide with each package makes its use sure, safe and effective.



1/4 lb. tins ea. 45c 1 lb. tins ea. 95c

ONE SPRAY SAVES ALL



## SPRAY PLANTS With



Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers—it can't burn or otherwise injure them. Neither will it injure the soil.

## Non-Poisonous

EVER GREEN kills only insects—it is harmless to man, live stock, birds and pets.

## Easy to Use

Just mix it with water and stir. No need for constant agitating—EVER GREEN stays in solution and won't clog sprayers.

### LIST PRICES

1-oz. bottle	.....\$0.35
6-oz. bottle	..... 1.00
16-oz. bottle	..... 2.00
32-oz. bottle	..... 3.50
Postage extra.	



**ANTROL.** Most effective for the control of all honey-dew loving ants. (Not mailable). Prices, Antrol sets containing 4 containers and 1 4-oz. bottle of syrup, 95c; extra containers, 15c each; Antrol syrup, 4-oz. bottle, 45c; pt., 95c; gal., \$3.75. Place one container every 15 feet.



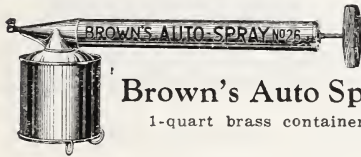
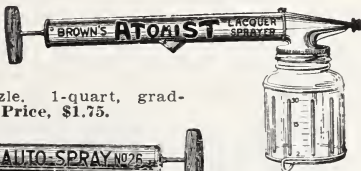
A highly concentrated fungicide that conquers Mildew and controls Black Spot on roses, phlox and other plants. Mix one quart to sixty parts of water. 1/2 pt., 75c; pt., \$1.25; qt., \$2.00; 1/2 gal., \$3.50; gal., \$6.00.

## Brown Spray Pumps

"Watch and Spray" is the Motto of a Local Garden Club

### Brown Atomist Sprayer

Adjustable nozzle. 1-quart, graduated glass jar. Price, \$1.75.

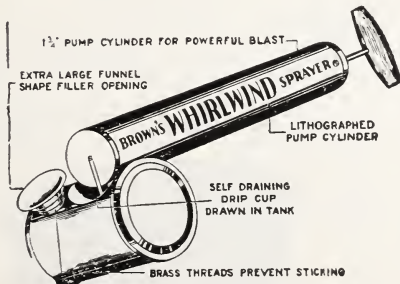


### Brown's Auto Spray No. 26B

1-quart brass container. Price, \$1.50.

### Whirlwind Sprayer

One quart. All tin. Price, 50c.



### Duster

1-quart jar.

Price, \$1.50.

### Auto Spray No. 9

4-gallon, screw lock, compressed air sprayer. Price, galvanized tank, \$6.50. Brass tank, \$9.00.

### Auto Spray No. 50

2 1/2-gallon, screw lock, compressed air sprayer. Price, brass tank, \$8.00.



### The Broncho

Compressed air sprayer of 3 3/4 gallons capacity. Steel locking cap. Price, galvanized tank, \$4.75.



### Auto Spray No. 5

Double-acting, high pressure sprayer. Fits in any pail or bucket. All brass. Price, \$5.50.

# Lohrman's Fertilizers



## Pulverized Sheep Manure

This is a pure, natural manure and one of the most nutritious foods for plants. Its effect is immediate. It is very rich, safe and gives quick results. It will give excellent results on flower beds, lawns, or in vegetable gardens. Use 100 lbs. for space 50x40 ft. or 2000 sq. ft. 2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.60; 100 lbs., \$3.00; 500 lbs., \$13.50; 1000 lbs., \$25.00; ton (2000 lbs.), \$45.00.

## Shredded Cattle Manure

An efficient, high grade natural fertilizer for general purposes, manufactured from selected fresh cleanings from cattle pens. Somewhat cooler in action than sheep manure. Use 100 pounds for 20x50 ft. or 1000 sq. ft. 100 lbs., \$3.50; 500 lbs., \$16.50; ½ ton (1000 lbs.), \$30.00; ton (2000 lbs.), \$55.00.

## Turn Garden Refuse Into Manure

Every bit of non-woody refuse that comes from your garden—cuttings, vines, leaves, etc.—should be mixed with "ADCO," kept moist and this converted into high grade manure. It is very simple and not a bit laborious—and every garden needs manure.

### PRICES

ADCO, in 25-lb. bags (enough for 12 wheelbarrow loads of garden waste, making about one-half ton of manure), each .....\$2.50  
ADCO, in 100-lb. bags (4—25s), (enough for a heap 6x6x6 ft., making about 2 tons of manure). 9.75  
ADCO, in 150-lb. bags (enough for a heap 10x10x6 ft., making about 3 tons of manure), each ... 11.50  
Special price on Field ADCO in 150-lb. bags or ton lots to farmers, market gardeners and other large users.

## Acid Phosphate

Sixteen per cent Acid Phosphate. Best grade. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 125-lb. sack, \$3.50.

## Hardwood Ashes

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.50; 500 lbs., \$15.00; ½ ton, \$25.00; ton, \$45.00.

## Bone Meal—See opposite page

## Clay's Fertilizer, Imported

Has a splendid reputation for flowers, vegetables and fruits. Generations of gardeners have used it for exhibition purposes. ¼ cwt. (14 lbs.), \$3.25; ½ cwt. (28 lbs.), \$5.50; ¾ cwt. (56 lbs.), \$8.50; 1 cwt. (112 lbs.), \$15.00.



New product composed of peat moss and pure cow manure without straw or other trash. It is practically colorless and clean. 50-lb. bag (3 bus.), \$3.00.

## Dried Blood

One of the best and safest nitrogen fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.00; 500 lbs., \$30.00.

## LAWN LIME Agricultural Hydrated Lime

A more finely pulverized product than the regular land lime. Directions for using the same as below. 10-lb. bag, 50c; 50-lb. sack, \$1.50; 2 sacks (100 lbs.), \$2.50; 500 lbs., \$10.00; 2000 lbs., \$30.00.

## LIMESTONE (Pulverized) Your Garden Probably Needs Lime

Not only grass but every useful plant needs lime. It helps build part of their fiber structure. If a soil is "sour" the plants cannot develop properly. So look to the sweetness of your soil if your garden is not doing as well as it should. If it is sour, apply Lohrman's Lime Stone. Spread 50 pounds to each 500 square feet. 100 lbs., \$1.50; 500 lbs., \$6.50; ½ ton, \$12.00; ton, \$20.00.

## Loma—See Opposite Page

## Muriate of Potash

Imported Potash once again available; should be used liberally, especially for all root crops. 100 lbs., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

## Nitrate of Soda

Not a substitute for other manures, but one of the cheapest and best forms of nitrogen. Do not let nitrate touch green growth or it will burn. Remove lumps before using and break them up by pounding. For the home garden apply as a solution, 1 oz. to 2 gals. of water. 100 lbs., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

## Plantabbs

Little tablets full of health - giving, growth - producing plant food. A properly balanced food for your plants; make them grow better than they ever grow before. 30 tablets, 25c; 65 tablets, 50c; 150 tablets, \$1.00; 1000 tablets, \$3.75.



## Sacco—See opposite page

## Sulphate of Ammonia

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or three gallons of water. 2-lb. carton, 50c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$3.50; 100 lbs., \$6.00.

## Scotch Soot (Genuine Imported)

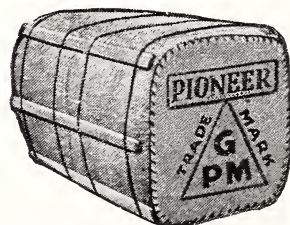
Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. 25 lbs., \$2.25; 50 lbs., \$3.75; 100 lbs., \$6.50.

## Vigoro—See opposite page

## Weed Killer

For dandelions and other weeds in the lawn. Use 1 to 1½ pounds to one gallon of water for every 1000 square feet. Should be sprayed on grass three or four times at intervals of about a week. 100 lbs., \$1.00; 10 lbs., \$2.50.

## Granulated Peat Moss



Imported, granulated, moisture-retaining humus. An important aid for saving soil fertility, and moisture. Excellent for mulching rose beds, evergreens and rhododendrons. 1 bale will cover 480 square feet one-half inch thick. 2 bushels, \$1.75; ½ bale, \$3.50; bale, \$5.00.



# Lohrman's Fertilizers



## VIGORO

*Complete plant food*

Use good seeds, bulbs and plants, and feed them Vigoro, the complete, balanced diet. Feed your lawn, vegetables, shrubs and trees, too.

Clean, odorless, easy to use, and economical. Complete directions in every bag.

5 lbs. ....	\$ 0.50
10 lbs. ....	.85
25 lbs. ....	1.75
50 lbs. ....	3.00
100 lbs. ....	5.00
500 lbs. ....	24.50

## Bone Meal

This is one of the best fertilizers for gardens, lawns, shrubs, fruit trees, etc. It is perfectly harmless and can be used with safety in any quantity desired. The plant food in bone meal is not immediately available so its benefit extends over a longer time than is the case with more soluble fertilizers.

For lawns use 3 to 5 lbs. per 100 square feet. For roses, small fruit bushes and shrubs, use two handfuls around each plant and spade or hoe it in. For garden crops use at the rate of 2 or 3 lbs. per 100 square feet (10 feet square). Rake it in.

5 lbs. ....	\$ 0.50
10 lbs. ....	.85
25 lbs. ....	1.75
50 lbs. ....	2.75
100 lbs. ....	4.00
500 lbs. ....	17.50
1000 lbs. ....	32.50
2000 lbs. ....	60.00

## Lōma

*beautifies lawns and gardens*



Loma, the scientifically prepared plant food, will give you results that are startling. Lawns velvety green; flowering plants sturdy, full-bloomed and tall; vegetables such as you have never had before. Loma is rich in nitrogen. Agricultural experts will tell you that this is the most vital plant food. Loma works quickly. In a week's time you can see the difference in your lawn.

1-lb. can ....	\$0.25
5-lb. can ....	.50
10-lb. bag ....	.85
25-lb. bag ....	1.75
50-lb. bag ....	3.25
100-lb. bag ....	6.00

## Wēdō

*Foods Grass - Fights Weeds*

You just sift on WEDO by hand. Unlike ordinary plant foods only about one-half the amount is required when WEDO is used—and does the job better.

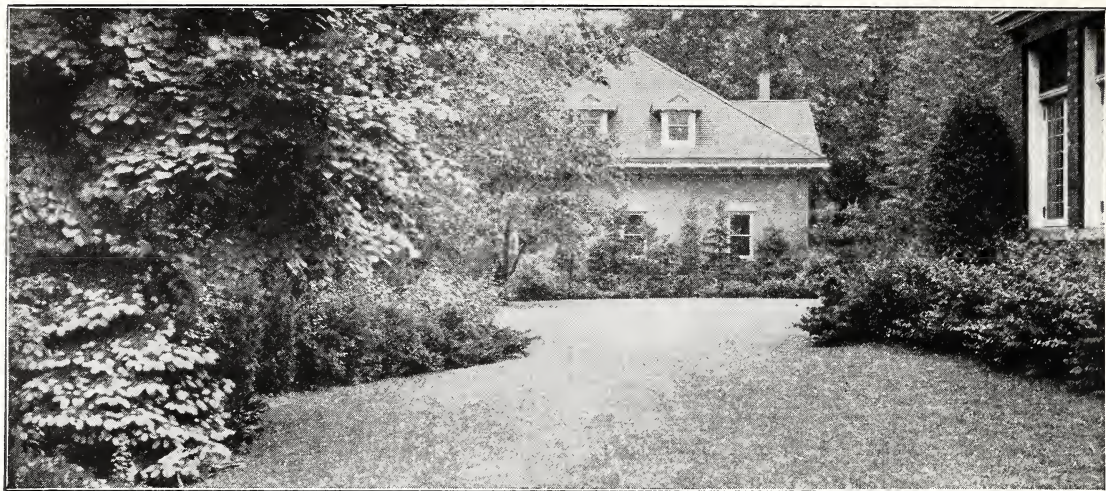
10 lbs. ....	\$0.95
25 lbs. ....	2.00
50 lbs. ....	3.75
100 lbs. ....	6.50



## Makes things Grow!

SACCO has the endorsement of eminent landscape gardeners everywhere. To induce growth in plants, shrubs, lawns and flowers. SACCO is without equal. Don't delay the use of SACCO. Get it today.

5 lbs. ....	\$ 0.50
10 lbs. ....	.85
25 lbs. ....	1.75
50 lbs. ....	3.00
100 lbs. ....	5.00
500 lbs. ....	24.50



## Lohrman's Lawn Seed

Prices on Grass Seed Subject to Change. Grass Seed, 50 lbs. or Over at the 100-lb. Rate.

Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest quality. We make special formulas to suit various soils, climatic and local conditions.

### ADVANTAGES OF SOWING MIXED GRASS SEEDS

It is a well known fact that a well balanced combination of grasses will give better results than a separate variety. Various grasses in mixture will help crowd out weeds. Often a separate variety of seed will not thrive on certain soil but where there is a combination of seeds, one or more varieties in the combination will surely thrive and our formulas are so well blended that they will give very satisfactory results. Liberal and frequent applications are advised, especially on new ground, in order to produce a satisfactory, velvety lawn, which is always much admired.

Quantity to sow for lawns: One pound will cover a space 15x20 feet or 300 square feet; 100 pounds to the acre. For renovating an old lawn, use one-half of this quantity.

### Lohrman's Fairway Mixture

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. This mixture does not contain any clover. In making up this brand we are careful to use only seed that has been thoroughly re-cleaned. Lb., 60c; 3 lbs., \$1.75; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., \$9.00; 100 lbs., \$42.00.

### Shady Place Mixture

This is a mixture of extra-fine grasses adapted for growing in the shade and under trees. We recommend the use of this mixture wherever other grasses have failed to make a close sward on account of shade. To obtain the best results, the seed should be sown very early in spring. In most shady places the soil has a tendency to be sour, and we suggest the use of Land Lime at the rate of about 100 pounds to each 2,000 square feet to sweeten it. Sow at the rate of 1 pound per 200 square feet for a new lawn, or about half that quantity for renovating existing turf. Lb., 70c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.00; 20 lbs., \$11.00; 100 lbs., \$55.00.

### Kentucky Blue Grass

(June Grass)

We recommend this hardy sort as the best grass for lawn purposes. It is slightly creeping in habit and grows most extensively in the early summer. It forms a good turf, is permanent and makes an ideal lawn. Well adapted to all soils. Lb., 70c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.00; 20 lbs., \$11.00; 100 lbs., \$55.00.

### Red Top—Fancy

A variety well adapted to growing where extensive care cannot be expended on the lawn. The leaf-blades are narrow, becoming very thin with turf cultivation. It gains maximum development in early fall. Succeeds in all soils. Lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.35; 10 lbs., \$4.25; 20 lbs., \$8.00; 100 lbs., \$37.50.

### English or Perennial Rye Grass

It is used in lawn grass mixtures as a nurse crop to protect the finer grasses. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 100 lbs., \$20.00.

### White Dutch Clover for Lawns

This is of particular value in lawn mixtures, and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. 5 to 6 lbs. per acre. Lb., 70c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$50.00.

### Chewings Fescue

Used extensively for golf courses, and is one of the best grasses for this purpose, as it is creeping in habit and soon forms a solid, compact turf. Valuable for terraces or exposed hillsides. Does well on thin or poor soils and is extremely resistant to drought. Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 20 lbs., \$10.00; 100 lbs., \$45.00.

### Poa Trivialis Grass

An ideal shade grass, and is a perennial closely related to Kentucky Blue Grass, but somewhat finer and softer. It has a splendid apple-green color and is a creeper. Sow in fall or spring at rate of one pound to every 300 square feet. Lb., 75c; 3 lbs., \$2.10; 5 lbs., \$3.25; 10 lbs., \$6.00; 20 lbs., \$11.50; 100 lbs., \$55.00.

### Bent Grass, Certified Seaside

(Sometimes called Cocos Bent)

Average purity, 98 per cent. Very highest quality, grown in Coos County, Oregon, and certified and sealed in 50-lb. bags by the Oregon Department of Agriculture. True, Creeping variety of Bent, spreading rapidly by means of stolons or runners; makes an ideal, perfect putting green turf. Seaside Bent will spread more quickly than the non-creeping sorts but requires more water and frequent cutting. Occasional top dressing is recommended to keep the natural blades of grass upright. Sow at the rate of 1 lb. for a space 10x10 or 100 square feet. Lb., \$2.00; 3 lbs., \$5.85; 5 lbs., \$9.50; 10 lbs., \$18.50; 20 lbs., \$36.00; 100 lbs., \$175.00.

### Timothy

The most popular of all hay grasses. A stand is easily secured and growth is very rapid. Lb., 30c; 3 lbs., 75c; 5 lbs., \$1.00; 10 lbs., \$1.75; 100 lbs., \$15.00.



# Lohrman's Evergreen Lawn Seed

Four Weeks from Sowing it is Ready for Mowing

Success in lawn making requires, first of all, good seed. There is no excuse in these days for guesswork about seed. Laboratory tests show its purity and its germination. We do not buy, nor do we sell, seed which fails to meet our high standards, by test in our own seed laboratory.

This blend is composed of heavy, recleaned seed, blended according to the formula proved in our thirty-eight years' experience to be the best for permanent lawns under American conditions and recommended by the Department of Agriculture. Recleaned Kentucky Blue Grass and Red Top form the bulk of this blend, to which is added White Clover in the correct proportion. Our blend produces a lawn that will endure. Lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.35; 10 lbs., \$4.50; 20 lbs., \$8.50; 100 lbs., \$37.50.

## How to Make a Lawn with Evergreen Lawn Seed

**Preparation of Soil.** Dig the soil about 6 inches deep, but only when it is dry. Rake until soil is smooth and in fine condition.

**Fertilizing.** Use Sacco Plant Food, an odorless fertilizer, at the rate of one-half ton per acre, 50 lbs. per 1000 square feet, 5 lbs. per 100 square feet.

**Sowing the Seed.** Sow our Evergreen Lawn Seed at the minimum rate of 100 lbs. per acre or 1 lb. to each 300 square feet. Bury the seed not more than one-eighth inch deep. Roll the seeded area, but should rain fall before the work is completed, defer the rolling until the land has dried.

**Grass for Shady Locations.** Follow the above directions but use our Shady Lawn instead of our Evergreen Lawn Seed.

**Renovating an Old Lawn.** First—Rake the lawn well, removing as much dead grass as possible. Second—Apply fertilizer according to the above directions. Third—Sow our Evergreen Lawn Seed at the rate of 50 lbs. per acre or 1 lb. per 600 square feet. Fourth—Either rake the lawn lightly or roll it in order to cover the seed.

## Lohrman's Superior Bent Grass Mixture

For those who desire a lawn similar to a putting green we are now prepared to offer our Superior Bent Grass Mixture. This mixture is composed chiefly of Bent Grass combined with other rapid growing grasses that act as a nurse or shelter crop for the slower growing Bent until it becomes established. In order to maintain a lawn of this type, it is a good idea to make several light applications of fertilizer during the season, also roll the ground several times in order to maintain an even surface; water often during dry weather and keep grass cut short. We recommend sowing this formula at the rate of one pound to a space 15 by 20 feet or 300 square feet. Lb., \$1.50; 3 lbs., \$4.25; 5 lbs., \$6.75; 10 lbs., \$13.00; 20 lbs., \$25.00; 100 lbs., \$110.00.



# Lohrman's

## Hardy Garden

## LILIES



Regale Lilies.

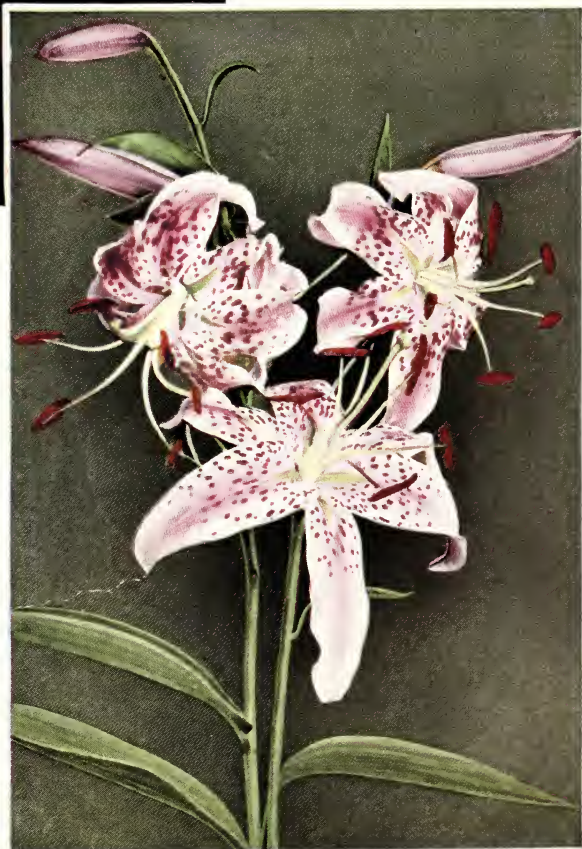
**TIGRINUM SPLENDENS.** The flowers are orange, spotted purple, opening in August and September on 2- and 4-foot stems. 20c ea.; \$2.00 per doz.

**TIGRINUM FLORE PLENO** (Double Tiger Lily). Color and habit same as that of *Tigrinum Splendens*. 20c ea.; \$2.00 per doz.

## Two Remarkable Hardy Lilies

**Regale Lily** (*Myriophyllum*). The inside of the flower is pure white, shading to a pretty canary yellow in the throat. The outside is white suffused with a bright rose-pink. The blooms are 5 to 6 inches in length, and have a delightful fragrance. It is a perfectly hardy variety and once planted will increase each year. Blooms in July. 3 feet. 7 to 8 inches, 45c ea.; \$4.50 per doz. 8 to 9 inches, 60c ea.; \$6.00 per doz.

**Auratum** (Gold-Banded Japan Lily). Large, graceful, fragrant flowers composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots and striped through the center a golden yellow; 3 to 5 feet. July to September. Jumbo size, 11 to 13 inches, 50c ea.; \$5.00 per doz. First size, 8 to 9 inches, 35c ea.; \$3.50 per doz.



*Lilium Speciosum Rubrum.*

**Lohrman Seed Co.**  
Macomb at Brush St.  
Phone: Rand. 1270  
**Detroit**